A chronology of minerals development in Canada

[Title supplied by cataloguer]

Introduction

Prehistory

The first mines in the territory that became Canada were unquestionably those that were dug by the First Nations peoples. As long as 6000 years ago, there was trading in North America in native copper that had been mined from excavations in the Lake Superior area — particularly on the Keweenaw Peninsula and Isle Royale. Wayman (1985) mentioned that as many as 5000 pits, each containing about 1000 tons of rock, were dug over a 5000-year period until 1000 A.D. Starting somewhat later, about 4000 years ago, the Maritime Archaic Indians mined the chert beds at Ramah Bay, Labrador, for material from which to fashion implements (Wilton et al., 1994). Still later, there was trading in native silver from the Cobalt area during the period 200 B.C. to 200 A.D. How many prehistoric small mines were there in Canada? We will probably never know the total, but there must have been hundreds, if not thousands.

By the time that Canada was born in 1867, there had been two centuries of mineral exploration and mining by the European settlers. As would be expected, the pattern of development and exploitation followed the penetration of the explorers and the people who followed into the interior of the continent.

The first record of mining in Canada by Europeans was in 998 A.D. when the Vikings mined bog iron ore near their settlement at L'Anse aux Meadows, Newfoundland. It was only some 600 years later, however, that the tempo increased as the first explorers examined the territories beside the Atlantic coast and the waterways that led to the heart of the continent. In 1577, Martin Frobisher searched for gold at the Countess of Warwick mine on Kodlunarn Island, near Iqaluit, on Baffin Island. In 1583, there was prospecting near today's St. John's, Newfoundland. In 1603, malachite was discovered beneath a mountain "with a greenish hue" in Quebec's Gaspé Peninsula. In 1604, Master Simon, a mining engineer accompanying Samuel de Champlain, reported silver, iron and native copper in parts of Nova Scotia.

Coal in the Maritimes

In 1639, what may have been Canada's first mine, a coal mine, was opened at Grand Lake, New Brunswick. In 1643, a shipment of coal was made from New Brunswick to England. Could this have been the birth of the export trade in minerals from the territory that would come to be known as Canada? It seems likely.

In 1654, Louis XIV of France granted a concession to Nicholas Denys to mine gold, silver and

copper on Cape Breton Island, Nova Scotia. The mining of the coal seams at Sydney is reported to have begun in 1672. The first mining of coal by "regular methods" was reported to have taken place at Cow Bay, Cape Breton Island, in 1720. It was used to supply Fortress Louisbourg. In 1724, a shipment of coal from Cape Breton to Boston was reported. In 1784, the government began the systematic mining of coal at Sydney. The first mine shaft in Nova Scotia was sunk at Sydney in 1830.

Oil and Gas in Ontario

Sometime in the 1850s, seepages of heavy petroleum were observed from the "gum beds" near Oil Springs in southwestern Ontario. It is likely that the first use was as an illuminating oil to replace whale

oil. In 1857, the Williams Number 1 Well, the first in Ontario and also the first producing oil well on the North American continent, was drilled in Enniskillen Township of Lambton County.

The Williams "refinery," using the oil that seeped through to the surface, was constructed that year. By 1865, there were six refineries at Oil Springs. Production ceased in 1867, however, at the time of the Fenian Raids when many of the operators and drillers left the country (Harkness, 1926).

By 1870, there were 40 refineries, mostly small and using "stills," in the London and Ingersoll areas. The number had been reduced to 13 in 1890, and to 3 by 1898.

In 1880, Imperial Oil built its first refinery at London. In 1897, it moved to Sarnia through its acquisition of the Bushnell Refining Company.

In 1889, the first well of the Provincial Natural Gas Company came into production in Welland County with a flow of over two million cubic feet a day. Others followed, with the Number 5 well producing eight and a half million cubic feet daily. As happens with natural gas, however, well pressures are reduced as production continues. This declined rapidly after 1900.

Iron in Quebec and Ontario

Meanwhile, in a more or less concurrent development, the Sieur de la Portlardière was sent from France in 1667 to investigate the iron deposits that had been reported at Baie St. Paul and in the St. Maurice Valley. In 1729, the famous Forges du St. Maurice were established at Fermont, near Trois-Rivières, to treat the abundant bog iron ores of the region. In 1736, the construction of

North America's second charcoal-fueled blast furnace (the first having been built in Virginia) was begun. Les Forges remained in operation until financial difficulties caused it to close in 1883.

Throughout the 19th century, the mineral industries developed rapidly as colonization spread westward. The first ironworking in Ontario, using bog iron ores, was reported to have taken place at Chippawa in the final years of the 18th century. The province's first blast furnace was erected at Furnace Falls (Lyndhurst) at the falls of the Gananoque River in Leeds County. This was followed by another blast furnace at Potter's Creek (Normandale), which proved to be unsuccessful.

In 1820, the Blairton or "Big Ore Bed" mine, Ontario's first iron mine, was opened in the Marmora area of Hastings County. The Marmora Ironworks followed in 1822. While not very successful at first, the operations ultimately succeeded. About 1870, the Blairton mine was reported to be the largest iron mine in the province — and there were then several. In the last decades of the 19th century, there were numerous iron works in Ontario, Quebec, New Brunswick and Nova Scotia. It was the period during which Canada was industrialized.

Coal in British Columbia

On the west coast, colonization had begun. In 1835, coal was discovered at Suquash on Vancouver Island. Mining began the following year. The Douglas coal seam at Nanaimo was discovered in 1850. By 1852, the economic importance had become such that the Hudson's Bay Company sent a Factor, J.W. McKay, from Victoria to take possession of the coal fields and to collect royalties from the users. In 1853, Governor James Douglas issued the first proclamation relating to mining in British Columbia.

Gold

Since earliest times there has been perhaps no other metal that has attracted as much attention as gold. Valued greatly for its beauty and the ease with which it can be worked into ornaments, it is the metal of legend. Much of the history of Canadian mining has been built upon this part of the industry.

The first attempt by Europeans to mine gold in Canada was when Martin Frobisher searched for it in the Arctic in 1577 (unsuccessfully). In 1823, however, placer gold was discovered in the streams of the Chaudière Valley in Quebec's Beauce region. Several rich deposits were discovered in 1847. Mining continued in the area until 1912.

In 1848, gold was discovered by settlers at Lawrencetown, Nova Scotia. This was followed by other discoveries in: beach sands near Halifax in 1857; the Tangier River and Mooseland in 1858; the Tangier district in 1860; the Oldham district in 1861; the Lawrencetown, Isaacs Harbour, Renfrew and Goldenville districts in 1862; the Mount Uniacke district in 1865; and the Fifteen Mile stream area in 1869. In 1858, the Legislature of Nova Scotia obtained possession and assumed control of the mines and the minerals in the province. In 1861, it took possession of the Tangier district in order to protect the landowners and secure the mineral rights. By the end of the century, there were almost 100 operating gold mines.

On the opposite side of the country, gold was discovered at Mitchell Harbour in the Queen Charlotte Islands in 1852. This triggered the first gold rush in British Columbia. Other discoveries soon followed at the mouth of the Pend d'Oreille River in 1855 and at the confluence of the Fraser and Thompson rivers in 1857. This resulted in a gold rush to the sand bars of the lower Fraser River in 1858. As the discoveries mounted there were further rushes to: the Cariboo district in 1860; Williams Creek in the Cariboo in 1861; Wildhorse Creek in the Kootenays in 1863; Leech Creek in 1864; the Big Bend area of the Columbia River in 1865; the Yukon River in the Yukon in 1869; Dease Lake in 1873; Granite Creek in 1885; Boundary Creek in 1886; and the Klondike in the Yukon in 1898. After the staking of the Discovery Claims on Bonanza Creek in the Yukon in 1896, there resulted one of the greatest gold rushes in the human experience. Who has not seen the early photographs of a seemingly endless line of people trudging up the Chilcoot Pass?

In British Columbia, as in Nova Scotia, it was necessary for the government to restore order and maintain control as quickly as possible. To that end, Governor James Douglas issued his second proclamation on mining relating to gold mines in the Kamloops, Ashcroft and Vernon areas in 1857. This was followed by the *Goldfields Act of British Columbia*, which was enacted in 1859. The Government Assay Department was established in New Westminster in 1860. This was followed by a mint, which operated for only a few years in 1862.

In the centre of what would shortly become a new Dominion, gold was discovered at Madoc in Hastings County, Ontario. The original strike in 1866, which resulted in the Richardson mine, has a unique place in Canadian history since it marked the first time that gold had been discovered in the Canadian Shield. Naturally, a gold rush to the Madoc-Marmora area followed immediately, with other famous mines resulting: Cordova, Golden Fleece, Ore Chimney, Sophia, and others. All of these deposits, however, while being rich were also very small. Thus, gold mining was intermittent and short-lived.

Copper, Silver, Asbestos, Nickel, and Other Minerals

In the 1600s, the missionaries who traveled into the Lake Superior country found the First Nations peoples using implements that had been fashioned from native copper. These deposits were mentioned in 1640. Over a hundred years later in 1770, while the Jesuits were experimenting with the native copper found at Point Mamaise, Alexander Henry returned from England with plans to mine the deposits. Unfortunately, the narrowing of the vein at depth resulted in a cave-in that caused the first recorded mining fatality in what would become Canada. At about the same time, Samuel Hearne was sent by the Hudson's Bay Company to explore for copper in today's Northwest Territories. In 1771, he discovered native copper at Coppermine, near the Arctic Ocean.

In 1843, copper was discovered at Bruce Mines on the north shore of Lake Huron. By 1846, the Bruce, Wellington and Huron Bay mines were opened by the West Canada Mining Company to exploit these deposits. Canada's first copper smelter was erected there in 1848 (it closed in 1850) and, before the mines closed in 1875, the area had become the most famous mining centre in Canada. In 1856, the Montréal Mining Company acquired native copper locations near Point Mamaise on the eastern side of Lake Superior. These locations were sold in 1871 to the Ontario Mineral Lands Company, and ultimately, in 1890, to the Canada Lands Purchase.

In 1847, the Geological Survey of Canada, which had been founded in Montréal in 1842, reported on the discoveries of copper ores in the Eastern Townships of Quebec. Several mines, such as the Eustis, near Capelton, were opened from the 1860s onward. The Eastern Townships was an important copper-producing region until well into the 20th century.

In 1846, veins of silver were reported near what has now become Thunder Bay. Several years later in 1868, the legendary Silver Islet deposit, on a small islet in Lake Superior, was discovered. Operating from 1870 until it flooded in 1884 (after the pumps failed due to a lack of fuel), it would occupy a unique place in Canadian mining history. Not only was its output tremendous for its time, it was also a place at which many new technologies were introduced into the Canadian mining scene: (1) the diamond drill, invented by Hermann in 1854, and later improved by others, was first used in Canada at Silver Islet in 1873; (2) The Burleigh piston-type compressed-air-powered rock drill, introduced in the late 1860s, was introduced at Silver Islet in 1872; and (3) the Frue Vanner, for concentration, was developed on the site in 1872. In the 1870s, the mining of asbestos began in the Eastern Townships of Quebec. The Johnson Asbestos Company's mine at Thetford Mines began operations in 1878. The W.H. Jeffrey mine at Danville, and the Bell Asbestos, Ward & Ross, and Lucke & Mitchell mines at Thetford Mines all began in 1880. The King Brothers' Hampden mine at Thetford Mines opened in 1881.

In 1882, during the construction of the Canadian Pacific Railway across northern Ontario, copper-nickel ore was uncovered in a rock cut near the site of what would become the Murray mine. The identification of the minerals in 1883 encouraged others to search for similar outcrops and gossans. In short order: the McConnell orebody was discovered in 1883, the Worthington in 1884, and the Stobie, Copper Cliff and Creighton orebodies in 1885. In 1886, the Canadian Copper Company was incorporated and the Copper Cliff, Stobie and Evans mines were in operation. The original shipments of ore were sent to refineries in Swansea, Wales; Long Island, New York; and Constable Hook, New Jersey. The latter was operated by the Orford Copper Company, which had its origins in the Orford Nickel and Copper Company, which had been organized to exploit a copper-nickel deposit in Orford County in the Eastern Townships of Quebec in 1878. In treating the ores from Sudbury, the nickel was recognized. The Orford Process, used for effectively separating the copper and the nickel as two distinct layers in the melt, was developed by them in 1891. In 1888, in order to reduce the costs of shipping the contained metals to the refineries, the Copper Cliff smelter, for the production of a Bessemer matte, was blown in. Still in operation today, after many modifications, it is Canada's longest operating smelter.

The middle to the latter part of the 19th century was a period of great activity in the development of Canada's mineral industries. Some of the key developments, other than those described previously were:

- the first mining of gypsum, near, Paris, Ontario, in 1822;
- the production of the first hydraulic cement in Canada at Hull, Quebec, in 1840;
- the opening of Canada's first graphite mine, the Miller (Keystone) mine, near Grenville, Quebec, in 1845;
- the first report by the Geological Survey of Canada of copper ores in the Eastern Townships of Quebec in 1847;
- the discovery of corundum in Lanark County, Ontario, in 1847;
- the beginning of gypsum mining near Hillsborough, New Brunswick, in 1847;
- the opening of the Forsyth iron mine at Hull, Quebec, in 1848;
- the discovery of copper at Tilt Cove, Newfoundland, in 1857;
- the opening of the Ramsey lead mine at Carleton Place, Ontario, in 1858;
- the beginning of mica mining in Ontario in 1860;
- the first production of oil in Ontario, at Oil Springs, in 1862;
- the production of salt at Seaforth, Ontario, in 1869;
- the beginning of coal mining at Lethbridge, Alberta, in 1870;
- the beginning of apatite mining in the Lièvre River district of Quebec in 1871;
- the first staking of claims for silver at Eureka Mountain near Hope, British Columbia, in

1871;

- the first production of soapstone in Brome County, Quebec, also in 1871;
- the discovery of gold in the Lake of the Woods area of Ontario in 1878;
- the beginning of coal mining at Canmore, Alberta, in 1888;
- the discovery of natural gas in Essex County, Ontario, also in 1888; and
- the discoveries of gold-copper at Rossland and lead-zinc at Kimberley, British Columbia, in 1889.

During the 1880s, the Ottawa-Hull area was an important mining region because of the scores of phosphate and mica mines in the townships of Hull, Portland, and Templeton in Quebec, and in Frontenac and Lanark counties in Ontario. Many of these were first mined for apatite as a source of fertilizer. When large deposits of animal phosphate (guano) were discovered in the southern United States, however, the market disappeared rapidly after 1892. By 1930, the total output of apatite was a mere 40 tons.

Concurrent with the decline in the market for apatite, though, was an increase in the demand for mica. Used in the manufacture of electrical equipment, it was in great demand during the latter part of the 19th century. The result was that the same pegmatite dike deposits that had been mined for apatite were now being mined once again for mica. Still later, there was further mining for feldspar and quartz.

Development of the Infrastructure

All of these events resulted in singularly important contributions to the growth of our mineral industries. Communities were built close to the mines that were being developed — often times too close, and on top of the mine workings — as at Cobalt, Haileybury, Red Lake, Val-d'Or, and many other locations. The period, however, was at the beginning of the development of efficient transportation in Canada. The great period of railway building began in the 1860s and it was not until many years later that a transportation network was in place. Those working in the mines had no alternative but to live close by their place of employment. That continues in all areas of employment today, the notable difference being that the invention of the automobile and the airplane has made it possible for all of us to travel much farther to and from work than our predecessors would have believed possible. In effect, an automobile is a space ship at our own personal disposal.

The period from the 1860s onward was the period when the construction of the railways linked communities together and made it possible for mine owners to have a more efficient means of shipping their products to the markets — mostly to the south. There are stories of entire

communities being moved when the line or the station was placed elsewhere. In eastern Ontario alone there were dozens of small lines that were constructed in the hopes of deriving profits from the minerals to be shipped and the people to be transported. Often times, when the deposits did not live up to expectations, the lines were ultimately abandoned. The "Barry's Bay and Bessemer," "Belleville and Madoc," "Brockville and Westport," "Irondale and Bancroft," and "Kingston and Pembroke" lines are names that have passed into history. Some of the lines remain, now part of either the Canadian National or the Canadian Pacific, or other systems. The others, long abandoned, remain as roadbeds into the period when Canada was being industrialized.

Development of Technology

The period was also that of the great industrial revolution. It was a time when all aspects of human endeavour were becoming more mechanized, no matter how simple these advances seem to be in retrospect.

Prior to the middle of the 19th century, mining had been a brute-force and dangerous occupation. Drilling was by hand methods. Blasting involved the use of black powder. Illumination in underground mines was by open flames or by safety lamps in coal mines. Ore sorting was primitive and by hand, and the means of liberating the valuable minerals from the gangue was most often the stamp mill. The difficulties are highlighted by the fact that, in 1903, the Nova Scotia legislature passed the *Deep Mining Act* through which subsidies would be given to assist in the sinking of shafts deeper than 500 feet.

In 1866, Alfred Bernard Nobel discovered the means of making dynamite. A Canadian patent was granted to C.W. Vollney of Brockville, Ontario, in 1873, while the first Canadian explosives plant was established in Kingston by George W. Mobray in 1876. A new, and safer, means of breaking rock was about to be introduced.

Concurrently, compressed air was introduced in the late 1860s and early 1870s. This enabled the distribution of power in mines through compressed air systems. While incredibly inefficient as a means of transmitting power (with only a small percentage of the energy being transmitted into the rock at the drill), it enabled energy to be transmitted as never before. The piston-type rock drill was developed by Charles Burleigh, an American, in 1865. The Burleigh drills, first introduced into Canada at Silver Islet, were subsequently replaced by drills developed by Rand and Ingersoll in the 1870s and 1880s. The diamond drill, invented by Hermann in 1854, was developed by Leschot in the 1860s, and later improved by Holt and Severance. These, too, were introduced quickly into Canada (first at Silver Islet).

In 1897, George Leyner of Colorado introduced hollow drill steel that permitted the flushing of

drill holes with water. This has been identified as perhaps the most significant advance in the entire history of rock drilling.

Developments in the crushing and grinding of rock were made through the Blake jaw crusher, developed in 1854, and through the rotating mills that were introduced in the 1850s and 1860s.

Another development that took place was the first introduction of the recovery of gold by cyanide leaching at the Brookfield gold mine in Nova Scotia in 1893.

Finally, the latter part of the 19th century and the early part of the 20th century was the period during which the electrification of North America took place. The first introduction of electricity into a Canadian mine was possibly at the MacRay phosphate mine in Templeton Township, Quebec, north of Hull. It became the first mine in the province to use electricity for motive power when it used it in 1890 "for boring and extracting, etc." (Rapport du Commissaire des Terres de la Couronne, 1891). It was followed closely by the reported use of electric-powered machinery in a Nova Scotia gold mine in 1891.

The foundation was being laid for the transformation of mining from a brute-force "art" to a more efficient and sophisticated "science." Diane Newell (1986) has called this period at the latter part of the 19th century the period of the "professionalization" of mining engineering.

"Professionalization" of Mining

The many Canadian mines that were developed in the 19th century created a demand for a local supply of engineering talent. Up to that time, the only alternative was to recruit mining engineers and other professionals from the schools that had been established for some time in Europe: Ptrozavodsk, Russia, in 1715; Feiberg Mining Academy, the world's first technical university, in 1765; St. Petersburg Mining Institute, Russia, in 1773; Almadén, Spain, in 1777; École des Mines, France; and the Government School of Mines and Science Applied to the Arts, United Kingdom, which evolved into the Royal School of Mines, in 1863.

In North America, the first School of Mines was opened at Columbia University in New York City in 1864. The second program, and the first in Canada, was established at McGill University in Montréal in 1870. In 1892, the Kingston School of Mining and Agriculture was established at Queen's University. Other programs followed.

The period also had to have been one when, because of the activity in the industry and the "professionalization" that was taking place, professionals felt the need to come together to meet and to exchange ideas and information through the vehicles of professional organizations. The first such organization, the Gold Miners Club of Nova Scotia, was formed in Halifax in 1887. The following year it became the Gold Miners Association of Nova Scotia and, in 1892, it became the Mining Association of Nova Scotia, which continues to this day as the Mining Society of Nova Scotia.

In 1891, the General Mining Association of the Province of Québec was formed in Montréal. This was followed by the Ontario Mining Institute in Toronto in 1894 and the British Columbia Association of Mining Engineers in 1895.

In 1896, the mining institutes of all the provincial groups came together as the Federated Canadian Mining Institute. At its second meeting in Montréal in 1898, it was dissolved and the Canadian Mining Institute was founded. By Act of Parliament in March 1898, the Institute was incorporated to include all of the former provincial groups. The Mining Society of Nova Scotia, however, while becoming affiliated with the Canadian Mining Institute in 1918, has kept its name and individual functions to this day.

During the past century, the dimensions and shape of the Canadian minerals industry have changed greatly with energy now representing well over half of the country's total annual production. In 1990, in recognition of this, the name of the Institute was changed to the "Canadian Institute of Mining, Metallurgy and Petroleum."

The New Technologies

During the last decade, there has been phenomenal growth in computing and information technologies. Against the background that many companies believe increasing productivity will be the key to survival and international competitiveness in the global market, the focus in the mining industry has very much been on improved mechanization and automation. In some cases, the thinking is being extended toward robotization and separating workers from the hazards of their occupations to the greatest extent possible.

During the past century, the minerals industry has moved from what was once a brute-force and often dangerous occupation to a highly sophisticated "high-tech" industry. The great majority of people in the industry use some form of advanced technology in the performance of their work, and safety records have improved to the point that the minerals industry is now one of the safest of the heavy industries. Truly, an industrial revolution has taken place!

A Chronology of Minerals Development in Canada

B.C. 7000
- Evidence of mining an ancient quartzite quarry, Manitoulin Island, Ontario.

B.C. 4000
- First Nations trading in copper, Lake Superior region.

B.C. 2000
- Maritime Archaic Indians mine chert, Ramah Bay, Labrador coast (traded as far south as New England).

B.C. 200 - 200 A.D.
- Trading in silver from Cobalt area, Ontario.

998
- Vikings mine bog iron, L'Anse aux Meadows, Newfoundland.

1577
- Martin Frobisher mines 200 tons of rock, Countess of Warwick mine, Kodlunarn Island, near Iqaluit, Baffin Island.

1583
- Prospecting in the vicinity of St. John's, Newfoundland.

1603
- Malachite discovered beneath a mountain "with a greenish hue," Gaspé, Quebec.

1604
- Discovery of silver and iron reported by Master Simon, a mining engineer accompanying Champlain, at St. Mary's Bay, Nova Scotia. Native copper was also reported at Cap d'Or (Port aux Mines, Advocate Harbour).
- Champlain reports iron east of Saint John River, Bay of Fundy, New Brunswick. This was the first report of minerals in the province.
- Champlain investigates copper occurrences, discovered the year before, near Beaver Harbour, New Brunswick. This was possibly the first evaluation of mineral deposits by explorers.

1639
- Opening of a coal mine at Grand Lake, near Bay of Fundy, New Brunswick. The coal was shipped to Boston. This was the first production reported in the province. It was probably the first coal mine in North America.

1643
- Reported shipment of coal from New Brunswick to New England.

1654

- Louis XIV grants concession to Nicholas Denys to mine gold, silver and copper on Cape Breton Island, Nova Scotia.

1666

- Discovery of ilmenite, St. Urbain area, Charlevoix County, Quebec.

1667

- Sieur de la Portardiére sent from France to investigate iron deposits at Baie St. Paul and St. Maurice Valley.

1672

- Nicholas Denys reports the discovery of coal on Cape Breton Island, Nova Scotia.
- Mining of coal seams at Sydney Mines, Cape Breton, Nova Scotia.

1677

- Intendant of New France, M. Duchesneau, imposes a royalty of 20 sous per ton of coal mined on Cape Breton.

1686

- Map by Franquelin shows Isle aux Meules (Grindstone Island), New Brunswick.

1701

- Quarrying of limestone near Saint John, New Brunswick. It was used in the rebuilding of Port Royal.

1711

- Admiral Walker obtains coal in Nova Scotia.

1720

- Coal mining begins at Cow Bay, Cape Breton, Nova Scotia. The first mining of coal by regular mining methods in Canada. It was used at Fort Louisbourg. This was the first commercial coal mine in Canada.

1724

- Coal exported from Cape Breton to Boston, Massachusetts.

1729

- Smelting of bog iron ore at Les Forges du St. Maurice, Quebec (continued until 1883).

1736

- Second blast furnace in North America blown in at Les Forges du St. Maurice, Fermont, near Trois Rivières, Quebec (the first was built by Governor Spotswood in Virginia). Blown out in 1883.
- First Nations people oppose the landing of ships near Saint John, New Brunswick, for the purpose of transporting quarried limestone to Port Royal. This was possibly the first reported dispute concerning title to minerals.

1739

- Louis-Joseph de La Verendrye (the youngest son of the explorer) sent to examine minerals at

Red Cliff, south shore of Black Island, Manitoba.

1740

- Discovery of argentiferous galena at Anse à la Mine, Lake Temiskaming. The mine was later known as the Wright mine.

1744

- Bellin's map of Canada shows the above.

1770

- Jesuits experimented with native copper found at Point Mamaise, Lake Superior.
- Mining of copper at Mica Bay, Lake Superior, results in Canada's first mining fatality.
- Mining of gypsum by farmers for fertilizer in Nova Scotia.

1771

- Samuel Hearne discovers native copper, Coppermine River near Arctic Ocean, Northwest Territories.

1782

- Coal mined near Grand Lake, New Brunswick.

1784

- Government begins systematic mining of coal at Sydney, Nova Scotia.

1789

- Sir Alexander MacKenzie discovers coal on Great Bear River, Northwest Territories.
- Earliest attempt to smelt iron ore in Nova Scotia at Nictaux.

1793

- Report of coal in the area of Drumheller, Alberta.

1798

- Building of the Bâtiscan furnace at Batiscan River, Quebec. L'Islet and Shawenegan furnaces were built about the same time. The latter, a failure, was used in an attempt to smelt titaniferous magnetite.
- David Thompson reports the presence of native copper at Point Mamaise, north of the Falls of St. Maries, Lake Superior.
- Discovery of Pictou coalfield, McCulloch's Brook, Nova Scotia.

17??

- First ironworking in Ontario, from bog ores, at Chippawa, last years of the century.

1800

- First blast furnace and attempt to smelt iron in Ontario at Furnace Falls (Lyndhurst), at the falls of the Gananoque River, Leeds County, Ontario.

1811

- Alexander Henry observes coal in eastern flanks of Rocky Mountains.

1812

- Mention of magnetite at narrows of Knee Lake, Manitoba.
- Blast furnace erected by John Mason to smelt bog iron ores, Potter's Creek, Lake Erie, later Normandale, Ontario (unsuccessful).

1813

- First attempts to mine salt in Nova Scotia.

1816

- Mining of gypsum deposits, for fertilizer, Hillsborough, New Brunswick.

1820

- Opening of the Blairton mine, the first iron mine in Ontario, Blairton-Marmora area, Ontario.
- Blast furnace to treat Blairton ores built by Charles Hayes, Crow River, Marmora Township, Hastings County, Ontario.
- Discovery of iron formations, Woodstock, New Brunswick.
- Dr. John J. Bigsby, a geologist who was a surgeon with the British army, is commissioned to examine the geology of Upper Canada.

1821

- Amalgamation of Hudson's Bay Company and North West Company.

182

- Production begins, Marmora Ironworks, Marmora, Ontario. Government of Ontario proposes to buy it in 1837 for manufacture of iron by convicts. Purchased in 1847, by Joseph Van Norman, of the Charlotteville furnace.
- First record of gypsum mining in Ontario, near Paris.

1823

- Manufacture of pig iron from bog iron ore, township of Charlotteville, Norfolk County, Ontario.
- Blast furnace at Normandale, Ontario, back in operation.
- Discovery of gold, Chaudière Valley, Beauce County, Quebec.
- First mill for manufacturing gypsum, Paris, Ontario.

1824

- Issue of patents to Charles Hayes for 8534 acres in Belmont Township. The Big Ore bed, or Blairton (iron) mine, Ontario, were included.

1825

- Beginning of commercial coal mining, New Brunswick.
- Copper reported, Coxheath, Cape Breton, Nova Scotia.

1826

- Crown grants rights to all minerals in Nova Scotia to Frederick, Duke of York.
- Erection of Annapolis Iron Works, Moose River, Clementsport, Nova Scotia. It operated for a few years and then again in 1862, 1872, 1873 and 1885.
- Formation of General Mining Association, Nova Scotia. Duke of York sub-leases his rights.
- Report of low-grade iron ore, Woodstock, New Brunswick.

1827

- General Mining Association takes over Pictou coal field, Nova Scotia.

1828

- General Mining Association explores for copper at Cariboo, Nova Scotia.

1829

- Discovery of apatite in the Lièvre River area, Quebec.
- General Mining Association opens coke blast furnace, New Glasgow, Nova Scotia. This was the first use of coke for metallurgical purposes in Canada.
- First mining of Nictaux-Torbrook iron deposits, Nova Scotia.

1830

- Report of an iron deposit at Hull, Quebec.
- First mine shaft in Nova Scotia at Sydney.

1831

- Construction of a furnace, by Messrs. Cahoon and Field, to smelt bog iron, Olinda, Gosfield Township, Ontario.

1834

- Coal mining begins, Springhill, Nova Scotia.

1835

- Coal discovered at Suquash area, Milbank Sound, Vancouver Island, British Columbia. This was the earliest discovery in the province.

1836

- Beginning of coal mining on Vancouver Island, British Columbia.

1837

- Construction of a furnace to smelt iron by Uriah Seymour, Madoc, Ontario.
- First borehole drilled for coal exploration in Grand Lake Basin, New Brunswick.
- Earliest recorded mining in the Bathurst area, New Brunswick, when copper was mined from a deposit on the Nepisiquit River.

1838

- Erection of a plaster mill in connection with gypsum mines operating in the area, Grand River, Oneida Township, York, Ontario.

1839

- Formation of Geological Survey of Newfoundland.

Ca. 1840s

- Mining of gypsum, Hillsborough area, New Brunswick. Mining in the area continued until 1982.

Ca. 1840s

Mining of graphite, Saint John area, New Brunswick.

1840

- Production of first hydraulic cement in Canada, Hull, Quebec.

1841

- Opening of limestone quarries, later the Thorold Hydraulic Cement Mills, Thorold, Ontario.
- Recognition of bituminous shales in New Brunswick.
- John A. Roebling conceives and manufactures first successful wire rope in the United States.
- Use of local coal by blacksmiths, Fort Edmonton, Edmonton, Alberta.

1842

- Founding of Geological Survey of Canada (GSC), Montréal, Quebec.
- Mining of manganese at Tetagouche Falls, New Brunswick (until 1960).

1845

- Canada's first graphite mine, the Miller (Keystone) mine, Grenville, Quebec.
- W.L. Logan examines rocks along the Ottawa River.

1846

- First discovery of nickel in Ontario by Sterry Hunt (GSC); became the Wallace mine, 1847, Bay of Islands, Lake Huron.
- Opening of Bruce, Wellington and Huron Copper Bay mines. West Canada Mining Company, Bruce Mines, Ontario (closed 1875), was at one time the most famous mining centre in Canada.
- Report of silver veins, Thunder Bay, Ontario.
- Construction of gypsum calcining plant, Paris, Ontario.
- Sir William Logan reports oil seepages on Gaspé Peninsula, Quebec.

1847

- Normandale iron furnace shut down, Ontario.
- Discovery of several rich gold deposits, Beauce County, Quebec.
- First report (GSC) of copper ores in Eastern Townships, Quebec.
- Discovery of corundum in Lanark County, Ontario, by Sterry Hunt (GSC).
- Beginning of gypsum mining near Hillsborough, New Brunswick.
- Attempts to mine disseminated graphite, Buckingham region, Quebec.
- General Mining Association begins operating a coal mine in the Cumberland Basin, Nova Scotia.

1848

- J. Van Norman begins operations of blast furnace, Marmora, Ontario.
- Montréal Mining Company begins mining Bruce mine in Ontario. It operated until 1875.
- Canada's first copper smelter, Bruce Mines, Ontario (until 1850).
- Opening of the Forsyth mine, Hull, Quebec (operated over 100 years).
- Discovery of cobalt by Sterry Hunt, GSC. Became the Wallace mine, Lake Huron, Ontario.
- Discovery of gold by settlers, Lawrencetown, Nova Scotia.
- Formation of Acadian Iron Mining Association, Nova Scotia.
- Erection of blast furnace, Saint John River, New Brunswick.
- Operations begin, Woodstock iron-manganese deposits, New Brunswick. This continued until 1884.

1849

- First mining of limonite, Londonderry, Nova Scotia. This continued until 1906.

Ca. 1850s

- Small-scale mining of coal, Beersville, New Brunswick.

1850

- Establishment of iron works, Londonderry, Nova Scotia.
- Location of Douglas coal seam, Nanaimo, British Columbia.
- Mining of albertite (until 1865), a solid hydrocarbon, Albert County, New Brunswick. It was mined until 1880.
- One of the first attempts to mine and refine oil shale, Baltimore, near Moncton, New Brunswick.

1852

- Hudson's Bay Company sends a Factor, J.W. McKay, from Victoria, to take possession of the Nanaimo coal field and to collect royalties from users, British Columbia. Mining begins in the area.
- Free gold discovered at Mitchell Harbour, Queen Charlotte Islands. This triggered the first gold rush in British Columbia.
- Geological Survey of Canada (Murray) reports magnetic iron ore at Mud Lake, Newboro, Ontario, on the Rideau Canal.
- Construction of first charcoal blast furnace in Nova Scotia, Londonderry.

1853

- Governor James Douglas issues the first proclamation relating to mining in British Columbia.
- Mining of amorphous graphite begins, Split Rock and Marble Cove, near Saint John, New Brunswick.

1854

- Mining of slate for roofing material, south of St. Lawrence River, Quebec.
- Blowing in of blast furnace by J. Van Norman, Houghton Township, Norfolk County, Ontario.
- Construction of gypsum crushing and calcining plant, Hillsborough, New Brunswick.

1855

- Finding of placer gold at the mouth of the Pend d'Oreille River, British Columbia.
- Acadian Iron Mining Association erects charcoal blast furnace, Londonderry, Nova Scotia.

1856

- Geological Survey of Canada (Hunt and Murray) report existence of nickel and copper, Sudbury district, Ontario.
- Montréal Mining Company acquires native copper locations, Point Mamaise, east side of Lake Superior. These locations were sold in 1871 to the Ontario Mineral Lands Company and later merged into the Silver Islet Consolidated Mining and Lands Company. In 1890, it was taken over by the Canada Lands Purchase.

1857

- Initial shafts sunk at Point Mamaise, then idle for 17 years, when exploration resumed. Further shafts sunk in 1884.
- Discovery of oil, Williams No. 1 Well, Enniskillen Township, Lambton County, Ontario.
- Discovery of copper, Tilt Cove, Newfoundland.

- Gold reported at junction of Fraser and Thompson rivers, British Columbia.
- Discovery of coal, Souris River, Manitoba.
- Washing of gold from beach sand near Halifax, Nova Scotia.
- Governor James Douglas issues proclamation relating to gold mines in the Kamloops, Ashcroft and Vernon areas, British Columbia.

1858

- Gold rush, sand bars of the lower Fraser River, British Columbia.
- Traces of gold discovered, Tangier River, Nova Scotia.
- First mining at the Ramsey lead mine, Carleton Place, Ontario.
- Legislature of Nova Scotia obtains possession and assumes control of mines and minerals in the province.
- First producing oil well on the North American continent, Lambton County, Ontario.
- First official discovery of gold in Nova Scotia, Mooseland, Halifax County.

1859

- Drilling of well for petroleum, St. Joseph, New Brunswick. Until 1875, six wells were drilled and the St. Joseph field outlined. Commercial development was prevented by the influx of water.
- *Goldfields Act of British Columbia.*
- Introduction of silver coinage in Canada.
- Discovery of gold, Horsefly River, Cariboo, British Columbia.
- Discovery of gold, North Saskatchewan River, near Prince Albert, Saskatchewan.

Ca. 1860

- Production of copper ore, Mascarene Peninsula, New Brunswick.
- Discovery of Vernon mine copper orebody on the Bay of Fundy, south of Sussex, New Brunswick.

1860

- Gold rush, Cariboo district, British Columbia.
- Discovery of asbestos, St. Joseph, Des Plantes River region, Quebec.
- Gold discovered in Tangier district, Nova Scotia.
- Copper discovered in the Eastern Townships of Quebec.
- Building of the Radnor Forges blast furnace, Rivière Au Lard, 15 miles from Trois-Rivières, Quebec. A more modern furnace was blown in in 1892.
- Beginning of mica mining in Ontario with sale of carefully selected sheets from North Burgess Township to the French navy.
- First drilling for oil in Gaspé, Quebec.
- Government Assay Department established at New Westminster, British Columbia.
- Construction of crushing plant, Wellington copper mine, Ontario.
- Mining at the Markhamville manganese mine, Sussex area, New Brunswick. Production continued until 1890. Manganese was also mined in the mid-1800s at Tetagouche Falls in the Bathurst area.

1861

- Gold discovered in Williams Creek, Cariboo, British Columbia.
- Gold discovered in Oldham district, Halifax County, Nova Scotia.

- Nova Scotia government takes possession of Tangier district to protect landowners and secure mineral rights.
- First oil refinery to operate in Ontario at Petrolia.

1862
- Beginning of Cariboo Road, Yale to Barkerville, British Columbia.
- First production of oil at Oil Springs, Ontario.
- Gold discovered in Lawrencetown, Isaacs Harbour and Renfrew districts, Nova Scotia.
- Installation of first conventional stamp mill in Nova Scotia, Mooseland.
- Mint established in British Columbia. It ceased operations a few years later.
- Production begins, Goldenville gold district, Nova Scotia. This became the largest producing district in Nova Scotia.

1863
- Publication of *Geology of Canada*, Geological Survey of Canada.
- Geological Survey of Canada reports on antimony deposit, South Ham Township, Quebec.
- Gold discovered at Wildhorse Creek, Kootenays, British Columbia.

1864
- Mining begins, Tilt Cove, Newfoundland.
- Placer gold discovered, Leech Creek, British Columbia.
- Opening of Shives coal pit, Dunsinane, New Brunswick.
- Staking of claims for copper, Howe Sound and Knight Inlet, British Columbia.
- Discovery of antimony, Lake George, Fredericton area, New Brunswick. Production was sporadic for about 100 years.
- Discovery of copper minerals south of Bathurst, New Brunswick. The site was developed by Key Anacon in 1953.

1865
- Discovery of the Eustis copper orebody, Capelton, Quebec. Mining began the same year.
- Development begins, Ely mine, Eastern Townships, Quebec.
- Dewdney Trail completed, Hope to Wildhorse, British Columbia.
- Mining of barite begins in Canada, Eureka mine, Five Islands, near Truro, Nova Scotia.
- Staking of placer claims, Big Bend area, Columbia River, British Columbia.
- Moisie Iron Mining Company exploits magnetic black sands, Moisie River, Quebec.
- Gold discovered, Mount Uniacke district, Nova Scotia.
- Discovery of iron ore, Hull-Templeton Township line, Quebec.

1866
- First mining at the Playfair (Dalhousie) iron mine, Playfairville, Ontario.
- Discovery of the Richardson gold mine orebody at Madoc, Ontario. This triggered a gold rush to the Madoc-Marmora area. This was the first discovery of gold in the Canadian Shield.
- Grand Trunk Railway Company experiments with using peat for locomotive fuel.
- First mining of barite in Canada, Bass River, Five Islands, Nova Scotia.
- Mining begins, Frontenac lead mine, Loughborough Township, Ontario.
- Discovery of high-grade silver ores, Silver Islet, Lake Superior, Ontario.
- First recorded production of salt in Ontario, near Maitland River.
- Alfred Bernard Nobel discovers the method for making dynamite.

1867

- Canada Iron Mining and Manufacturing Company builds a blast furnace at the Forsyth mine, Hull, Quebec (unsuccessful).
- Iron Moisic Company builds furnaces at Moisic, Saguenay region, Quebec, to process magnetic beach sands (operated until 1876).

1868

- Discovery of the Silver Islet orebody, Thunder Bay, Lake Superior. Operated from 1870 to 1884.
- Discovery of gold, Deloro, Ontario.
- Mining of barite, Brookfield, Nova Scotia.
- End of oil refining, Oils Springs, Ontario.
- Mining of stibnite deposits begins, Lake George, New Brunswick. These were worked intermittently until 1931.

1869

- Transfer of Rupert's Land from the Hudson's Bay Company to the Dominion of Canada.
- Discovery of gold in the Yukon River, Yukon.
- Discovery of gold, Fifteen Mile Stream area, Nova Scotia.
- Production of salt, Seaforth, Ontario.
- Production begins, St. Francis Forges, near Drummondville, Quebec.
- *General Mining Act.*
- Construction of the first blast furnace in the St. Francis Valley, Quebec, by St. Francis River Mining Company.
- First discovery of molybdenum and tungsten, Burnt Hill Brook, New Brunswick.
- Construction of a blast furnace beside the Rivière aux Vaches, Yamaska County, Quebec (operated until 1880).
- Discovery of Burnt Hill tungsten deposit, Fredericton area, New Brunswick. It was mined in World War I and in the late 1950s.
- Discovery of two gold veins at Heron Bay, near Marathon, Ontario.
- Timothy Eaton opens his store, Yonge Street, Ontario.

1870

- Coal mining begins, Lethbridge, Alberta.
- First shipment of apatite in Canada, North Burgess Township, Ontario.
- Establishment of Mining Engineering program, McGill University, Montréal.
- Construction of first steel mill in Nova Scotia, Londonderry. It was demolished in 1877.
- Report of copper ores at Chibougamau, Quebec.
- Opening of the Deloro Gold mine, Deloro, Ontario.
- Mining of graphite begins in Ontario, Port Elmsley, Lanark County.
- Province of Manitoba enters Confederation.

1871

- Mining of apatite begins in Lièvre River district, Quebec.
- Huronian (Jackfish, Moss) mine orebody discovered, Moss Township, northwestern Ontario.
- First staking of claims for silver ores, Eureka Mountain, Hope, British Columbia.
- First recorded production of soapstone in Quebec, Bolton Township, Brome County.
- Creation of Dominion Lands Survey Branch, Ottawa, Ontario.

1872

- Opening of the Crown mine (later the Eustis), Eastern Townships, Quebec.
- Opening of the Bristol mine, Bristol, Pontiac County, Quebec.
- Operations begin, Springhill and Parrsboro Coal Company, Springhill, Nova Scotia.
- Discovery of the Haycock mine orebody, Hull, Quebec.
- Early hydrometallurgical process, the Henderson process, used to treat copper ores by roast leach-precipitation, Huntingdon mine, Eastern Townships, Quebec. Was used earlier at Bruce Mines, but the date is uncertain.

1873

- First use of the diamond drill in Canada, Silver Islet, Ontario.
- Fire at Westville Coal mine, Nova Scotia.
- Explosions, Drummond Colliery, Intercolonial Company, Pictou County, Nova Scotia (60 dead). The greatest disaster in any mine in North America up to that time.
- Staking of placer gold claims, Dease Lake, British Columbia.
- Canadian Titanic Iron Company builds two blast furnaces at St-Urbain, Charlevoix County, Quebec, to process titaniferous magnetite ores.
- Opening up of Omineca placer mining area, British Columbia.
- Silver Islet Company sinks shaft on gold prospect at Heron Bay, Ontario. The prospect was abandoned.
- Operation of Haycock iron mine narrow gauge railway, Hull, Quebec.

1874

- Mining of asbestos begins, Thetford Mines, Quebec.
- Opening of colliery, Lethbridge, Alberta.

1875

- First recorded mining of coal on northeastern Ellesmere Island, Northwest Territories.
- Hunt-Douglas process for leaching oxidized copper ores, McGill University, Montréal, Quebec.
- Opening of the Emerald apatite mine by Buckingham Mining Company.
- Blowing in of furnaces, Haycock iron mine, Hull, Quebec.

1876

- Diamond drill used to explore salt deposits, Goderich, Ontario.
- Mining of manganese begins, Tennycape area, near Truro, Nova Scotia. It produced intermittently for the next three decades.
- Opening of the Johnson Asbestos Mining Company Mine, Thetford Mines, Quebec. This was the first mining of asbestos in the province.

1877

- Geological Survey of Canada recognized by Act of Parliament.

1878

- Mining of copper begins at Princeton, British Columbia.
- Discovery of gold, Lake of the Woods area, Ontario.
- Orford Nickel and Copper Company established to mine a nickel deposit, Orford Township, Quebec (venture failed).

1879

- First report of coal fields in Peace River district, British Columbia.
- Discovery of the Keymet sulphide deposit, Bathurst area, New Brunswick. This was the site of the first significant base-metal mine in the province.

Ca. 1880

- Discovery of copper-nickel-cobalt orebodies, St. Stephen area, New Brunswick. There were several attempts to develop the three small deposits.

1880

- Opening of the W.H. Jeffrey mine, Danville, Quebec.
- Canada's first lead smelter, Frontenac mine, Kingston, Ontario.
- Blowing in of the "Grantham" blast furnace, St. Francis River Mining Company, Drummondville, Quebec.
- Hudson's Bay Company lets contract to mine 300 tons of coal at Edmonton, Alberta.
- Opening of the Bell Asbestos, Ward & Ross, and Lucke & Mitchell mines, Thetford Mines, Quebec.
- Relocation of the Geological Survey of Canada from Montréal to Ottawa.
- Building of Imperial Oil refinery, London, Ontario.
- Discovery of Teahan mine base-metal orebody, Sussex area, New Brunswick. It produced for a few years.
- Discovery of limestone, Petit Rocher, north of Bathurst, New Brunswick. Continuous production began in 1930.

1881

- Building of the "St. Francis" furnace, Drummondville, Quebec.
- Canadian Iron and Steel Company experiments with the Duryee process to produce iron, Hochelaga (near Montréal), Quebec.
- Discovery of gold in the Kaladar area, Ontario.
- Discovery of asbestos at Asbestos, Quebec.
- Production of asbestos begins, Jeffrey pits, Danville, Quebec.
- Opening of the Hampden mine by King Bros., Thetford Mines, Quebec.
- Discovery of Zenith mine zinc orebody, Nipigon district, Ontario.
- Québec Technical Mines Branch formed as a division of the Crown Land Department.

1882

- Messrs. Parry and Mills start to build a blast furnace, Burnt River, Haliburton County, Ontario. The uncompleted works were abandoned.
- Staking of the Bluebell deposit, Kootenay Lake, British Columbia.
- Discovery of nickel ore in constructing Canadian Pacific Railway, site of Murray mine (1889), Sudbury, Ontario.
- Bulletin of the Geological Survey of Canada reports occurrence of copper near Nain, Labrador.

1883

- Opening of the Winnipeg Consolidated Mine, Big Stone Bay, Lake of the Woods, Ontario.
- Opening of Vancouver lead smelter, British Columbia. It operated for only a few hours before closing due to technical problems.
- Discovery of the McConnell orebody, Sudbury area, Ontario.

- Establishment of mines on Kootenay Lake and the Kootenay River, British Columbia.
- First mining of copper, Cox Heath, Cape Breton, Nova Scotia.

1884

- Introduction of the Eaton's catalogue, which brought access to merchandise to all Canadians.
- Discovery of Worthington mine orebody, Sudbury, Ontario.
- Discovery of the Frood orebody, Sudbury, Ontario.
- Abandonment of the Silver Islet mine, Thunder Bay, Ontario.
- Working of the Pine Portage mine, Pine Portage Bay, Lake of the Woods, Ontario.
- Production of antimony begins, West Gore, Nova Scotia. Continued until 1917.
- North Star phosphate mine, Portland East Township, Quebec, becomes the first mine in the area to use compressed air.
- Working of the Kingdon lead mine, Carleton County, Ontario.
- Discovery of copper-nickel ore, Snyder Township, Ontario.

1885

- Discoveries of the Creighton, Copper Cliff and Stobie orebodies, Sudbury, Ontario.
- Completion of the Canadian Pacific Railway.
- Discoveries of the Ada G. Combination, Jerusalem, Golden Slipper, Big Ellen, Live Post, Judge Mills, and Golden Gate veins, Lake of the Woods mining district, Ontario.
- Port Colborne Gas, Light and Fuel Company bores for natural gas at Port Colborne, Ontario, the first such boring in Canada.
- Staking of Granite Creek placer deposits, British Columbia.
- Discovery of copper, Stirling, Cape Breton, Nova Scotia.

1886

- Mining begins, McKellar Island barite deposit, Thunder Bay area, Ontario. It continued until 1894.
- Invention of the Hall-Héroult process for electrolytic reduction of aluminum. This laid the foundation for the industry.
- Start-up of smelter, Canadian Smelter Works, Trail, British Columbia.
- Copper Cliff, Stobie and Evans mines in operation, Sudbury.
- Mining of mica and feldspar, Baie-Johan-Beetz, Quebec.
- Opening of Copper Cliff North mine, Copper Cliff, Ontario.
- Discovery of silver, Silver King mine, Nelson, British Columbia.
- Development begins, Wright mine, Lake Timiskaming, Quebec. The mine operated from 1890 to 1920.
- Opening of colliery, Canmore, Alberta.
- Driving of adit, South Ham antimony mine, Eastern Townships, Quebec.
- Incorporation of Canadian Copper Company.
- Report of abundance of iron ore between Nativity Lake and Menihek River, Labrador Peninsula.
- Staking, Boundary Creek area, British Columbia.
- First records of production of mica in Ontario and Quebec.
- Founding of Wire Rope Industries, Montréal, Quebec.

1887

- Senate committee report on Athabaska oil sands, Alberta.
- Discovery of the outcrop of the Falconbridge deposit, Falconbridge, Ontario.

- Mining of calcite veins for lime production, Tadoussac, Quebec.
- Discovery of a rich gold vein, became Number 2 shaft, Vermilion mine, Denison Township, Ontario.
- R.W. MacArthur and Wm. Forest discover cyanide process for extraction of gold, Glasgow, Scotland.
- Founding of the Gold Miners Club of Nova Scotia, Halifax.

1888

- Reorganization of the Gold Miners Club of Nova Scotia into the Gold Miners Association of Nova Scotia, Halifax.
- Incorporation of New Glasgow Iron, Coal and Railway Company to exploit iron deposits near Bridgeville, Nova Scotia. This was the foundation of the Sydney Steel Works.
- Boring of a gas well, Lot 7, 1st Concession of Gosfield Township, Ontario Natural Gas Company, Kingsville, Ontario.
- Building and blowing in of smelter at Copper Cliff, Ontario, by Canadian Copper Company. This is the oldest smelter still operating.
- Patenting of the Sultana mine claims, Rat Portage area, Sultana Island, Lake of the Woods mining district, Ontario.
- First milling of asbestos in Quebec, Scottish Canadian Asbestos Company.
- Discovery of coal near Banff, Alberta.
- Beginning of coal mining, Canmore, Alberta.
- Discovery of natural gas, Essex County, Ontario.
- Opening of Monarch mine, Field, British Columbia.

1889

- Construction of blast furnace, Ferrona, Nova Scotia. It operated until 1904, when it was replaced by new works at North Sydney.
- Discovery of gold-copper at Rossland and lead-zinc at Kimberley, British Columbia.
- First operation at the Bluebell mine, Kootenay Lake, British Columbia.
- Discovery of the outcrop, Levack deposit, Levack, Ontario.
- Production begins at the Moulton Hill pyrite mine, Lennoxville, Quebec (until 1895).
- Lily May orebody staked, Trail Creek, Rossland, British Columbia. This marked the beginning of the Rossland camp.
- First well of Provincial Natural Gas Company, Welland, Ontario.
- Operation of ochre drying and calcining plant (until 1889) at mouth of Petite Romaine River, Quebec.
- North American Chemical, Mining and Manufacturing Company formed to produce Portland cement, Owen Sound, Ontario.
- Discovery of the Ophir Gold mine orebody, Lake Ickta, Thessalon area, Ontario.
- Operation of the Eustis, Albert, Harvey-Hill, Hartford, Huntingdon, Memphremagog, Moulton Hill, Howard, and Cillies mines (copper), Eastern Townships, Quebec.
- H.H. Vivian and Company, Swansea, Wales, begins mining of the Murray mine in the Sudbury area.
- Discovery of Leamington gas field, Ontario.
- James Riley, Glasgow, Scotland, discovers the effects of adding nickel to steel.
- Opening of Copper Cliff South mine, Copper Cliff, Ontario.
- Opening of the Frood copper-nickel mine, Sudbury, Ontario.

1890

- Discovery of fluorite, Madoc, Ontario.
- Staking of the Centre Star, War Eagle, Idaho, Virginia and Le Wise (later Le Roi) deposits, Rossland, British Columbia.
- Mining begins of stibnite deposits at Mortons Harbour, New World Island, Notre Dame Bay, Newfoundland (mined until 1916).
- Staking of Giant Mascot silver-lead-zinc deposit, Spillimacheen, British Columbia.
- Development of lead mine, Lake Temiscamingue, Quebec.
- Discovery of gold, Falcon Lake, Manitoba.
- MacRay phosphate mine, Templeton Township, Quebec, becomes the first mine in the province to use electricity for motive power. It was "used for boring and extracting, etc."
- Production of Bessemer matte, H.H. Vivian & Company, Murray mine, Sudbury, Ontario.
- Production of oil (6 barrels per day) from wells bored by Hiram Walker, Walkerville, Ontario (Kingsville field).
- Patenting of the Ophir mine claims (adjacent to the Sultana), Rat Portage area, Lake of the Woods mining district, Ontario.
- Discovery of the Sheppard mine (later the Beatrice mine) orebody, Blezard Township, Ontario.
- First mining of coal, Vaden mine, Turtle Mountain field, Manitoba.
- Blowing in of smelter, Murray mine, Sudbury, Ontario.

1891

- Operations begin at the Cordova gold mine, Marmora, Ontario.
- Blowing in of copper smelter, Golden, British Columbia. It operated briefly.
- Discovery of the outcrop, Cryderman (later Garson) mine, Garson, Ontario.
- Formation of the Northern Gold Company, incorporated in Michigan, to develop properties in Lake of the Woods mining district, Ontario.
- Establishment of Ontario Bureau of Mines.
- Explosion at Springhill Colliery, Nova Scotia.
- Orford process for smelting nickel put into practice by Orford Copper and Sulphur Company, Constable Hook, New Jersey, United States.
- Bessemer converting plant added to Copper Cliff smelter, Canadian Copper Company, Copper Cliff, Ontario.
- Opening of lead smelter, Revelstoke, British Columbia (until 1892). This was the first successful lead smelter in Canada.
- Opening of the Sultana mine, Lake of the Woods district, Ontario.
- First shipments of ore from Rossland, British Columbia, to Colorado Smelting Works, Butte, Montana.
- Development of the Creighton and Gordon Lake gold mines, Vermilion River, Ontario.
- Sinking of shaft, Worthington mine, Sudbury area, Ontario.
- Report of nickel on farm of G.S. McFarlane, near Ottawa, Ontario.
- Origin of Portland cement manufacture in Ontario at Marbank, Hastings County, and at Shallo Lake, Grey County.
- U.S. navy conducts successful tests of using nickel-steel for armour plate.
- Mining of manganese begins, New Ross, Nova Scotia.
- Organization of the General Mining Association of the Province of Quebec, Montréal.
- First use of portable electric-powered machinery in a Nova Scotia gold mine.
- February 21 explosion at Number 3 mine, Springhill, Nova Scotia, kills 121.

1892

- Development of the Sultana mine, Lake of the Woods, Ontario.
- Mining Society of Nova Scotia formed as a reorganization of the Gold Miners Association of Nova Scotia.
- *New Mines Act.*
- Discovery of iron ore deposits, Labrador.
- First shipment of ore, Freddy Lee mine, Cody Creek, Slocan, British Columbia.
- Staking of the Hamlet and other claims, Sullivan lead-zinc deposit, Kimberley, British Columbia. This marked the beginning of the Sullivan camp.
- Dr. Ludwig Mond develops the Mond process for separating copper and nickel.
- Col. R.M. Thompson develops the Orford process for separating copper and nickel.
- Establishment of the Kingston School of Mining and Agriculture, Queen's University, Kingston.
- Discovery of gold veins about 50 miles west of Port Arthur, Ontario.
- Blowing in of a new blast furnace, Radnor Forges, Canada Iron Furnace Company, Quebec.
- Pictou Charcoal Iron Company blows in blast furnace, Bridgeville, Nova Scotia. It closed in 1895.
- Mining of iron ore begins, Torbrook, Nova Scotia. It closed in 1896.

1893

- Discovery of an important deposit of bog iron ore, Lac des Sables, Laurentides, Quebec.
- Formation of Dominion Coal Company, Nova Scotia.
- Staking of the St. Eugene lead-zinc deposit, Moyie Lake, East Kootenay, British Columbia.
- Welland becomes first city in Ontario to be served with natural gas.
- Discovery of zinc-lead-silver-gold deposit on an island in the Ottawa River, near Pembroke, Ontario. Later mined by New Calumet Mines Ltd.
- Discovery of the Mikado mine orebody, Lake of the Woods district, Ontario.
- Sinking of shafts at the Rajah, El Diver and Treasure mines, Lake of the Woods, Ontario.
- Hamilton Iron and Steel Company begins construction of a blast furnace at a site beside Burlington Bay.
- Development of salt works at Windsor, Ontario, by CPR.
- Opening of native copper veins, Point Mamaise, Lake Superior, Ontario.
- Opening of Kneehills coal mines, Alberta.
- Nova Scotia Steel and Coal Company purchases Bell Island iron deposits and develops Wabana mine, Newfoundland.
- First Canadian application of cyanide leaching, Brookfield mine, Nova Scotia.

1894

- Opening of the Gold Hill, Black Jack, Bad and Norway mines, Lake of the Woods, Ontario.
- Opening of the McGown mine, Foley, Ontario.
- Discovery of the Hillier (Lucky Coon) veins between Shoal Lake and Vermilion Lake, Ontario.
- Construction of the Pilot Bay smelter to treat silver-lead-zinc ores from the Slocan and Ainsworth mines, British Columbia.
- Organization of the Ontario Mining Institute, Toronto.

1895

- Organization of the British Columbia Association of Mining Engineers.
- A.P. Low shows presence of major iron ore deposits, Knob Lake, Quebec.
- Mining at Stirling mine, zinc-lead-copper, Cape Breton, Nova Scotia.

- Mining begins, Wabana mine, Bell Island, Conception Bay, Newfoundland.
- Kootenay Mining and Smelting completes lead smelter, Pilot Bay, Kootenay Lake, British Columbia.
- Opening of lead smelter, Nelson, British Columbia.
- Bras d'Or Marble Company begins mining, Marble Mountain, Nova Scotia. It operated until 1920.
- First shipment from Sullivan mine, Kimberley, British Columbia.
- Discovery of gold, Shoal Lake, Ontario (close to Manitoba border).
- Development of the Foley mine, lower Seine River, Rainy Lake district, Ontario. This led to the opening of another area for gold.
- Dominion Gold Mining and Reduction Company Limited incorporated in Canada (incorporated Great Britain 1862) and acquires Gold Hill, Black Jack, Homestake, Sultana Junior, and interest in Queen of Sheba locations, Rat Portage area, Lake of the Woods, Ontario.
- Mining begins at Regina Gold mine (formerly the Rajah mine), Rat Portage, Ontario.
- Development of Gold Mountain mine, Lake of the Woods, Ontario.
- Report of rich silver veins at Pays Plat, Nipigon Bay, Ontario.
- Blowing in of the blast furnace, Hamilton, Ontario.
- Closing of the Moulton Hill copper mine, Lennoxville, Quebec. It re-opened many years later.

1896

- Blowing out of the blast furnace, Londonderry, Nova Scotia.
- "The iron industry of" Ontario awakes "from a deep sleep."
- Blowing in of the blast furnace, Hamilton Iron and Steel Company.
- First production of blister copper, Hall Mines smelter, Nelson, British Columbia (copper smelting ceased 1902, lead smelting until closure in 1907).
- Staking of Discovery Claims, Bonanza (Rabbit) Creek, Klondike, Yukon.
- Klondike gold rush, Yukon.
- Mining of iron ceases and last blast furnace shut down, Londonderry, Nova Scotia.
- Opening of the Deloro mine, Deloro, Ontario.
- Sulman-Teed bromo-cyanide leaching process used to treat arsenical gold ores, Canadian Goldfields Limited, Deloro, Hastings, Ontario (modernized 1906 and operated until 1961 as Deloro Mining and Reduction Co., and later Deloro Smelting and Refining).
- Opening of the Henderson talc mine, Madoc, Ontario. Still in operation in 1997 as the Henderson and Conley mine.
- Report on the discovery of corundum at Carlow, Hastings County, Ontario.
- Formation of Cominco Limited.
- Production of salt, Dauphin Lake district, Manitoba.
- Introduction of iron ore bounties.
- Discovery of Black Donald graphite orebody, Renfrew County, Ontario. The mine began production in 1897.
- Opening of Hall mines smelter, Nelson, British Columbia.
- Staking of the Iron Mask deposit, Kamloops, British Columbia.
- Trail smelter, of British Columbia Smelting and Refining Company, begins smelting ores from Rossland.
- Formation of the Federated Canadian Mining Institute by the affiliation of all provincial groups.
- Mining begins, Mikado mine, Shoal Lake, Lake of the Woods, Ontario.

1897

- Mining of coal begins, Crowsnest Pass, British Columbia.
- Discovery of iron ore (Helen mine) at Wawa, Ontario.
- Pouring of the first gold bar in Canada, Trail Landing, British Columbia.
- Staking of the Lorne claims (later Bralorne), Cadwaller Creek, British Columbia.
- Production of lead begins, Northern Inverness district, Nova Scotia.
- Discovery of the Pioneer orebody, Bralorne, British Columbia.
- Staking of the Helen, Josephine, Ruth and Lucy orebodies, Wawa, Ontario.
- The Geological Survey of Canada reports on the possibility of iron ore deposits being located under Steep Rock Lake, Ontario.
- First staking of claims for gold, McKenzie Island, Red Lake, Ontario.
- Cyanide leaching plant for gold, Regina mine, Lake of the Woods, Ontario.
- Imperial Oil takes over Bushnell Refinery Company, Sarnia, Ontario.
- Development of the Olive, Golden Star (Randolph), AD2, Mikado, Gold Hill, Golden Gate, Stella, Triggs, Gull Island, Bath Island, Regina, Trojan, Mascotte, Burley, Corucopia, Cameron Island, Black Sturgeon, Princess, Scramble, Gray Eagle, and other mines, Lake of the Woods area, Ontario.
- Development of the Sawbill and Hammond Gold Reef mines, Upper Seine River, Ontario.
- George Leyner, of Colorado, introduces hollow drill steel for water flushing – perhaps the greatest advance in the history of rock drilling.
- Discovery of hematite-magnetite, Austin Brook, New Brunswick. It was mined from 1910 to 1913, and in 1943. It was the first massive sulphide deposit discovered in the Bathurst area.

1898

- Discovery of Helen mine iron ore deposit, Wawa, Ontario.
- Cyanide leaching plant, Doratha Morton mine, British Columbia.
- Establishment of Quebec Department of Colonization and Mines.
- Mining of coal begins at Princeton, British Columbia.
- Mining of barite, Ironside, Hull County, Quebec. Continued until 1900.
- Staking of the Britannia orebody, Howe Sound, British Columbia.
- Discovery of gold, Atlin area, Britsh Columbia.
- Formation of the Canadian Mining Institute at the second meeting of the Federated Canadian Mining Institute, which then dissolved, Montréal, Quebec. The Mining Society of Nova Scotia remained a separate body.
- Operations begin, Doratha Morton gold mine and mill, Fanny Bay, British Columbia. It operated for one year.
- Opening of colliery at Michel, British Columbia.

1899

- Discovery of lead-zinc ore, Pine Point, Great Slave Lake, Northwest Territories.
- Canadian Smelting Works begins to smelt lead, Trail, British Columbia.
- Algoma Steel Corporation opens the Helen mine, Wawa, Ontario.
- Opening of the Frood mine, Sudbury, Ontario.
- Blowing in of the Van Anda copper smelter, Texada Island, British Columbia.
- Blowing in of blast furnace, Deseronto Iron Company, Deseronto, Ontario.
- Development of new mines, Rock Lake, 10 miles north of Bruce Mines, Ontario.
- Re-opening of three silver mines (closed in 1893) southwest of Port Arthur, Ontario.
- Canada Iron Furnace Company constructs blast furnace, Midland, Georgian Bay, Ontario.
- Incorporation of Granby Consolidated Mining, Smelting and Power Company, British

Columbia.
- Operation of the Zenith zinc mine, Big Duck Lake, Ontario (until 1901).
- First mention of the possibility of finding diamonds in Canada.
- New Brunswick Oilfields Company conducts exploration in the province (until 1906).

Ca. 1900
- Drilling of six wells in the Dover oil and gas field, St. Joseph area, New Brunswick.
- Production of copper ore, Annindale area, New Brunswick.

1900
- Opening of Number 26 Colliery, Cape Breton, Nova Scotia. It was closed in 1984.
- Earliest attempt for electrolytic refining of nickel, Hoepfner Refining Company, Hamilton, Ontario (closed 1902).
- Incorporation of the Mond Nickel Company Ltd., which had acquired the Cryderman (Garson) deposit.
- Start-up of Granby smelter, the first integrated smelter, Granby Mining and Smelting Company, Grand Forks, British Columbia (until 1919).
- Discovery of magnesite, Kilmar, Quebec.
- Opening of corundum mines, Raglan Township, Renfrew County, Ontario.
- First Canadian ore boat ("Theano," Algoma Central Steamship Lines) to discharge Canadian iron ore at a Canadian port, Midland, Ontario.
- Stripping for an open pit begins, Creighton mine, Lively, Ontario.
- Incorporation of Mond Nickel Company.
- Year of peak production from the Klondike, Yukon.
- Acquisition of Sydney coal mines by Nova Scotia Steel and Coal Company.
- Discovery of Bonanza mine orebody, Observatory Inlet, British Columbia.
- Production begins, Helen mine, Wawa, Ontario.

1901
- Blowing in of smelter, Greenwood camp, British Columbia.
- Production begins, Victoria mine, Sudbury area, Ontario.
- Development of Elsie mine, adjoining old Murray mine, Sudbury, Ontario.
- Development of McArthur 1, 2, 3, 4 and 5 mines, Sudbury, Ontario.
- Staking of Hidden Creek copper deposit, Anyox, British Columbia.
- Thomas Edison acquires property in Falconbridge Township, conducts dip-needle survey, and commences sinking a shaft that is abandoned when quicksand is encountered. He fails to find the Falconbridge orebody.
- Establishment of Algoma Steel, Sault Ste. Marie, Ontario; Dominion Iron and Steel, Sydney, Nova Scotia.
- Construction of plant begins, Algoma Steel Company Limited, Sault Ste. Marie, Ontario.
- North American Aluminum Company opened aluminum smelter at Shawinigan, Quebec (now Alcan, operated until 1945).
- Start of production, Creighton mine, Sudbury, Ontario.
- Development of a magnetite mine by Canada Iron Furnace Company, Grattan Township, Renfrew County, Ontario.
- Development of Grace Gold mine, Michipicoten River, Ontario.
- First shipment of ore from the Creighton mine, Canadian Copper Company, Lively, Ontario.
- Exploration of Atikokan and Steep Rock Iron Ranges, Ontario.

- Draining of Boyer Lake and radical changes in mining methods at Helen mine, Wawa, Ontario.
- Increase of metallic content of mattes from 30% to 70% through Col. R.M. Thompson's retreatment process at Copper Cliff, Ontario.
- First drilling of gas wells, Medicine Hat, Alberta.
- Start-up of Crofton, Boundary Falls and Tyee smelters, British Columbia.
- First shipments of concentrates to Tacoma, Washington, from Britannia mine, Howe Sound, British Columbia.
- Discovery of Hidden Creek mine orebody, Observatory Inlet, British Columbia.
- First development of gypsum deposits in Manitoba, Manitoba Union Mining Company, Portage Bay.
- Opening of the Coe iron mine, Eldorado, Ontario.
- Production begins, Dominion Iron and Steel Company, Sydney, Nova Scotia.
- Construction of cyanide leaching plant, Caribou district, Nova Scotia. It was moved that same year to the Richardson Gold Mining Company at Issac's Harbour.
- The first producing oil well in western Canada, Original Discovery Number 1, is completed at Oil City, Alberta. It produced until 1906. The site is now in Waterton Lakes National Park.

1902

- Formation of the first branches of the Canadian Mining Institute at Sherbrooke, Quebec; Kingston, Ontario; and Nelson, British Columbia.
- First steel rails rolled in Canada, Sault Works, Algoma Steel Company, Sault Ste. Marie, Ontario.
- World's first production of electrolytic lead, Betts Process, Trail, British Columbia (Canadian rights to an American process purchased by Canadian Smelting Works).
- Merger of Canadian Copper Company, Orford Copper Company and others to form International Nickel Company of New Jersey.
- Development of the Twentieth Century mine (gold), Upper Manitou Lake, Ontario.
- Construction of open-hearth, blast furnace, steel plant, and rolling mills by Cramp Steel Company Limited, Collingwood, Ontario.
- Development of the Scadding Township gold mine, Lake Wahnapitae, Ontario.
- Mining of copper-bearing sandstone, Sackville area, New Brunswick. It continued until the following year.
- Development of the Emily gold mine, Missanabie, Ontario.
- Development of A.L. 282 and Elizabeth mines on the Canadian Northern Railway, Ontario.
- First production of aluminum in Quebec, Northern Aluminum Company, Shawinigan, St. Maurice River.
- Development of the Copper Queen mine, north of Bruce Mines, Ontario.
- Helen mine becomes an underground mine, Wawa, Ontario.
- Introduction of electricity into the Black Donald graphite mine, Renfrew County, Ontario. This could have been the first such introduction.
- Blowing in of Ladysmith smelter, Tyee Copper Company, Oyster Harbour, Vancouver Island. It closed in 1911.
- Opening of colliery at Morrisey, British Columbia.
- Opening of the Little Stobie nickel-copper mine, Sudbury, Ontario.
- Opening of the Creighton nickel-copper mine, Lively, Ontario.
- Mining begins, Collier Bay barite deposit, Newfoundland.

1903

- The Coe iron mine becomes a copper mine on the discovery of a lower orebody.
- Discovery of silver and cobalt along the line of the Temiskaming and Northern Ontario railway, Coleman Township, Ontario.
- First production of gold, Nickel Plate mine, Hedley, British Columbia.
- Cyanidation plant for gold, Mic-Mac mine, Leipsigate, Nova Scotia. Using the MacArthur-Forrest process, this was one of the first successful plants in Canada.
- Completion of lead-zinc smelter, Marysville, British Columbia.
- Development of Williams and Loon Lake iron mines near Port Arthur, Ontario.
- Development of the Massey Station copper mine, Massey, Ontario.
- Operations begin, Rising Sun mine, north of Bruce Mines, Ontario.
- Production begins, St. Anthony mine, Sturgeon Lake, Ontario.
- Mining begins, Hedley, British Columbia.
- First recorded production of natural gas in Alberta.
- Discovery of copper mineralization, Chibougamau, Quebec.
- Re-opening of mines and blast furnace, Londonderry, Nova Scotia. Closed in 1908.
- Canada's first commercial zinc plant, Frank, Alberta (until 1905).

1904

- Blowing in of a second copper smelter, Golden, British Columbia. It was scrapped in 1937.
- Blowing in of the Kamloops copper smelter to treat ores from the Iron Mask mine, British Columbia.
- Trethewey, La Rose, McKinley-Darragh and Nipissing mines in operation, Cobalt, Ontario.
- Staking of the Coniagas deposit, Cobalt, Ontario.
- First flotation plant in Canada, Rossland, British Columbia.
- Development of Laurentian and Volcanic Reef mines, Lake Manitou, Ontario.
- Larose, Cobalt Hill, Little Silver, New Ontario, McKinley-Darragh mines begin production, Cobalt, Coleman Township, Ontario.
- Location of Coniagas and Tretheway deposits, Cobalt, Ontario.

1905

- Opening of the Bailey fluorite mine, Madoc, Ontario. It was the first of many in the area and the first fluorite mining in Ontario.
- Development of coal mines, Corbin, British Columbia. Six mines operated until the late 1930s. These included Corbin Creek and Byron Creek.
- Discovery of lead-zinc ore, Buchans, Newfoundland.
- Original development of Bienfait Colliery, Bienfait, Saskatchewan.
- Discovery of copper, Gull Pond, Newfoundland.
- Mining begins, O'Brien and Buffalo mines, Cobalt, Ontario.
- Sixteen mines now shipping ore from the Cobalt camp, Ontario.
- Copper Mining and Smelting Company of Ontario, Limited, London, England, takes over old properties at Bruce Mines.
- Prospecting in Chibougamau and Témiscamingue regions, Quebec.
- Equipping of Atikokan iron mine for production.
- Mining begins, Buffalo and O'Brien mines, Cobalt, Ontario.
- Tests on using cyanide to treat cobalt ores, School of Mining, Kingston, Ontario.
- Opening of steel works, North Sydney, Nova Scotia.
- Opening of the Crean Hill nickel-copper mine, Sudbury area, Ontario.

- Discovery of Pabineau Lake molybdenite deposit, New Brunswick (a small quantity was mined from 1932 to 1939).

1906

- Considerable development in East Broughton asbestos district, Quebec.
- Discovery of gold on the shores of Larder Lake, Ontario. Staking of the Kerr-Addison, Chesterville, Dr. Reddick, Larder Lake, Proprietary, Harris-Maxwell, and other deposits.
- Discovery of Silver King orebody, Galena Creek, Mayo, Yukon.
- Closing of the Sultana mine, Lake of the Woods district, Ontario.
- Building of copper smelter, Eldorado mine, Madoc area, Ontario.
- Incorporation of Consolidated Mining and Smelting Company of Canada.
- First copper smelter in eastern Ontario, Eldorado copper mine, Ontario.
- *Ontario Mining Act* passed.
- First electrical equipment used in Canadian mining, Creighton mine, Sudbury, Ontario.
- Modernization of the Canadian Goldfields plant to extract silver (from cobalt ores), Deloro, Ontario.
- Opening of the provincial mine by Ontario government, Cobalt, Ontario. Said to be the first government-operated mine in Canada, if not North America.
- Guggenheims, New York, withdraws from an option to purchase a large interest in the Nipissing silver mine. Heavy losses on the stock market.
- Discovery of silver-cobalt-nickel ores, Montréal River area, Ontario.
- Exploration of Moose Mountain and Burwash Lake iron ore deposits, Ontario.
- Discovery of Lake Fortune mine gold orebody, Fortune Lake, Quebec.
- Discovery of silver, Elk Lake, Ontario.
- Construction of the Medina smelter, Eldorado, Ontario. This was the first copper smelter in Eastern Ontario.
- Discovery of gold and staking of claims, Big Duck Lake, Schreiber, Ontario.
- Opening of Caledonia Number 1 gypsum mine, Caledonia, Ontario. Number 2 opened in 1952 and Number 3 in 1991.
- Discovery of the Jersey mine lead-zinc orebody, British Columbia.

1907

- Blowing in of blast furnace, Atikokan Iron Company, Port Arthur, Ontario.
- Creation of federal Department of Mines and founding of a Mines Branch (now CANMET).
- Staking of the HB deposit, Sheep Creek, Salmo, British Columbia.
- First electric smelting plant for the production of pig iron, Welland, Ontario.
- Federal Department of the Interior conducts a magnetometer survey of iron deposits, Austin Brook, New Brunswick (eight orebodies identified).
- Federal Department of the Interior conducts experiments in electric smelting, Sault Ste. Marie, Ontario.
- Canadian Magnesite Company begins operations at Kilmar, Quebec.
- Smelter at Deloro, Ontario, produces silver and arsenic from cobalt ores.
- Opening of Garson mine, Garson, Ontario. It operated until 1986 and was re-opened in 1994.
- Discovery of silver at Gowganda, Ontario.
- Discovery of silver at South Lorraine, Ontario.
- *Supplementary Revenue Act* imposes taxes on mining profits in Ontario.

1908

- Staking rush to the Gowganda silver area.
- Discovery of silver at Miller and Everett lakes, Ontario, results in staking rushes to the area
- Zinc plant, electric furnace reduction, Nelson, Canadian Zinc Company, British Columbia (until 1913).
- First discovery of gold, Porcupine area, Ontario.
- Branch of the Royal Mint established at Ottawa.
- Canadian Copper Company places "Monel Metal" on the market.
- Discovery of the Alexo mine orebody by Canadian Copper Company, Dundonald Township, on the Temiskaming and Northern Ontario Railway.
- Operation of gold mills at Harris-Maxwell, Larder Lake, Proprietary and Dr. Reddick properties, Larder Lake, Ontario.

1909

- Invention of the outboard motor by Ole Evinrude.
- Discovery of the "Golden Staircase" and staking of the Dome, Hollinger and McIntyre mine orebodies, Porcupine Lake, Ontario.
- Drummond Mines Limited preparing site for iron mining, Austin Brook, New Brunswick.
- Cyanide used to treat low-grade ores, O'Brien mine, Cobalt, Ontario.
- Discovery of coal, Gregg River-Luscar area, Alberta.
- Canadian Oil Company takes over refineries, Petrolia, Ontario.
- Opening of the Sullivan mine, Kimberley, British Columbia (at one time the largest lead-zinc mine in the world).
- Oil and gas flows from Wells M.O.L. (Maritime Oil Fields) 3 and 5, New Brunswick. The Stoney Creek field was delineated after follow-up drilling.

1910

- Discovery of a lead-zinc-gold-silver deposit, Montauban-des-Mines, Portneuf County, Quebec. It became the Tétrault mine.
- Incorporation of Dome Mines Company Limited.
- Mining begins, Weedon mine, Eastern Townships, Quebec.
- Discovery of lead-zinc-iron-platinum mineralization, shore of Strathcona Sound, Baffin Island, Northwest Territories.
- Production begins at the Dome mine, Porcupine Lake, Ontario.
- Discovery of oil at Turner Valley, Alberta.
- Staking of gold claims, Salmon River, Observatory Inlet area, British Columbia (later the Premier mine).
- Opening of Conner coal mine, Wabamun area, Alberta.
- Establishment of Steel Company of Canada, now Stelco Incorporated.
- Mining of tungsten, Scheelite Mines, Moose River, Nova Scotia. Continued until 1918.
- Production of oil and gas begins, Stoney Creek field, Moncton area, New Brunswick.

1911

- Mining of gypsum begins, Falkland, British Columbia. The quarry continued until 1956.
- Report of lead-zinc mineralization, Strathcona Sound, Baffin Island, Northwest Territories.
- Discovery of gold and staking of the Wright-Hargreaves and Sylvanite deposits, Kirkland Lake, Ontario.
- Completion of Grand Trunk Pacific Railway in Alberta.
- Development of underground coal mines, Coalspur and Lovett, Alberta.

- Discovery of gold, West Shining Tree Lake, Ontario.
- Coal mining begins at Drumheller, Alberta.
- Staking of the Sullivan mine orebody, Lake Dubuisson, Quebec.
- Canada Department of Mines operates experimental peat plant, Alfred Bog, Ontario (until 1912).
- Staking of the San Antonio gold claims, Big Rice Lake, Manitoba.
- Porcupine camp destroyed by fire with great loss of life. Hollinger and Dome mills, then being built, destroyed.
- First shipment of gypsum for cement manufacture in British Columbia.
- Discovery of copper ore outcrops, Benson Lake, Port Alice, Vancouver Island, British Columbia.

1912

- Operation of the first electric furnace for steel production in Quebec, Canadian Brake Shoe Company, Sherbrooke.
- Establishment of Dominion Steel Company, now Dofasco Incorporated.
- Incorporation of the town of Timmins, Ontario.
- Gold mining becomes dormant, Chaudière Valley, Quebec.
- Harry Oakes stakes the Lake Shore mine claims, Kirkland Lake, Ontario.
- Part-time classes begin, Haileybury High School, Haileybury, Ontario.
- Ontario Department of Mines refers to iron deposits at Little Shallow Lake, later Bruce Lake. The Griffith mine was opened in 1968.
- Installation of cyanide process for low-grade ores, Nipissing mine, Cobalt, Ontario.
- Mining and milling begins, Dome and Hollinger mines, Porcupine, Ontario.
- Production of natural gas begins, Stoney Creek field, New Brunswick.
- Discovery of gold, 55 miles southwest of White River, Michipicoten area, Ontario.
- Discovery of gold, Kirkland Lake, Ontario.
- Territory of Ungava added to Quebec by Act of the Parliament of Canada, thereby doubling its territory.
- District of Patricia added to Ontario by Act of the Parliament of Canada.
- Development of Mountain Park coal mine, Alberta.
- First recorded production of coal, Drumheller, Alberta.
- Construction of natural gas pipeline from Stoney Creek field to Moncton and Hillsborough, New Brunswick.

1913

- Mining begins at McDonald mine, Weedon, Quebec.
- Discovery of the Lake Shore, Teck-Hughes, Kirkland Lake, and Sylvanite mine orebodies, Kirkland Lake, Ontario.
- Mond Nickel Company begins smelting, Garson, Ontario.

Ca. 1914

- Mining of iron at Austin Brook, New Brunswick, during World War I. The ore was shipped to Sydney, Nova Scotia.

1914

- Opening of the Panama Canal after 10 years of construction.
- Mond Nickel Company practices flotation at Coniston smelter (until 1930).

- Hillcrest mine disaster, Alberta.
- Discovery of Turner Valley natural gas field, Alberta. The Dignam Number 1 well marked the discovery of the first major oil and gas field in Alberta.
- First production of cobalt metal in Canada, Deloro, Ontario.
- Blowing in of Granby smelter, Anyox, British Columbia.
- First use of cyanide at Kirkland Lake camp, Tough-Oakes mine.
- Staking of claims for petroleum, Fort Norman, Northwest Territories.
- Discovery of copper-zinc at Flin Flon, Manitoba.
- Discovery of gold at Herb (Wekusko) Lake, Manitoba.

1915

- First production of magnesium in North America, Shawinigan Electro-Metals, Shawinigan, Quebec (until 1919).
- Discovery of the Mandy mine copper orebody, Schist Lake, Manitoba.
- Establishment of *The Northern Miner*, Cobalt, Ontario.
- Staking of the Flin Flon orebody, Flin Flon, Manitoba.
- Staking of the ground above the Falconbridge orebody, Falconbridge, Ontario. Subsequent drilling by the E.J. Longyear Company discloses a large orebody.
- Discoveries of zinc and lead deposits, Montauban Township, Portneuf County, Quebec.
- Staking of the Siscoe mine claims, Quebec.
- Discovery of the Mandy and Rex mines showings, Manitoba.

1916

- Westinghouse Canada supplies a hoist drive for Inco's Creighton mine, Sudbury, Ontario. This was its first sale to the Canadian mining industry.
- Ontario Department of Mines reports gold at Little Long Lac, Ontario.
- First electrolytic copper refinery in Canada, Trail, British Columbia. This was the first production of refined copper in Canada.
- Production of electrolytic zinc begins, Trail, British Columbia.
- Incorporation of International Nickel Company of Canada.
- Construction of nickel refinery begins, Port Colborne, Ontario.
- Discovery of the Falconbridge orebody through drilling.
- Production of magnesium, Shawinigan Falls, Quebec.
- Development of the Moss molybdenite mine, Quyon, Quebec. It was the largest single source of molybdenite in the world that year.
- Joseph Joy patents gathering arm loader.
- Production begins, Mandy mine, Manitoba.
- Discovery of the Rock Candy fluorspar deposit, Grand Forks, British Columbia.

1917

- Battle of Vimy Ridge.
- Discovery of gold, Lightning River, Ontario.
- Magnetometer survey discloses three anomalies, Austin Brook, New Brunswick.
- Coal Valley mine acquires the then-largest dragline in the world, built by Bucyrus-Erie, Edmonton area, Alberta.
- Milling begins, Tech-Hughes mine, Kirkland Lake, Ontario.
- Halifax explosion.
- Dome mine closes due to shortage of labour, Porcupine area, Ontario.

- Dismantling of blast furnaces at Drummondville and Radnor Forges, Quebec.
- Sinking of shaft, New Ross molybdenite mine, Lunenburg County, Nova Scotia.

1918

- Opening of the Rock Candy mine, the largest deposit of fluorite in Canada, Grand Forks, British Columbia. It continued until 1942.
- Canada's first nickel refinery begins operating, International Nickel, Port Colborne, Ontario.
- Closing of the Croesus gold mine, Munro Township, Ontario.
- Closing of the Helen mine, Wawa, Ontario.
- Construction begins on Canada's first successful electrolytic nickel refinery, using the Hybinette process, British American Nickel Corporation, Deschênes, Quebec (operated from 1919 to 1922).
- Production begins, Premier mine, Bralorne, British Columbia.
- Opening of the first rock salt mine in Canada, Malagash Salt Company, Malagash, Nova Scotia. It became uneconomical in 1956 and operations were transferred to Pugwash.
- Affiliation of the Mining Society of Nova Scotia with the Canadian Mining Institute.

1919

- Original staking of Sherritt Gordon mine claims, Amisk Lake, Saskatchewan. Re-staked in 1922. Operated until 1951.
- Formation of Great War Veterans' Association, now the Royal Canadian Legion.
- Closing of the Eustis copper mine, Eastern Townships, Quebec.
- Discovery of high-grade silver ore, Keno Hill, Yukon.
- Opening of the Derry mine, Glen Almond, Quebec (the chief supplier of feldspar in Quebec for almost 50 years).
- Milling begins, Lake Shore, Wright-Hargreaves, Kirkland Lake mills.
- Formation of Ontario Department of Mines.
- Creation of Royal Canadian Mounted Police.
- First shipments of salt from Malagash deposits, Nova Scotia.
- Refining begins at Deschênes, Quebec.
- Resumption of milling, Dome mine, Porcupine, Ontario.
- Winnipeg general strike.
- Opening of Anderton Brine field, Amherstberg, Ontario.

Ca. 1920

- Test pits dug beside CPR tracks at Hemlo, Ontario.

1920

- Closing of Mandy mine, Manitoba.
- Blowing in of Nickleton smelter, British American Nickel Company, Sudbury, Ontario (smelting ore from the Murray mine).
- Staking of the Sigma and Lamaque orebodies, Val-d'Or, Quebec.
- Discovery of Norman Wells oil field, by Imperial Oil Company Limited, at Fort Norman, Northwest Territories.
- Staking of the Horne claims at Lake Osisko, Noranda, Quebec.
- Closing of smelter, Grand Forks, British Columbia.
- The Canadian Mining Institute becomes the Canadian Institute of Mining and Metallurgy.
- Suspension of mining, McDonald mine, Weedon Mining Company, Eastern Townships,

Quebec.
- Production begins at Canada's second copper refinery, British American Nickel Company, Deschênes, Quebec. It operated until 1924.
- Discovery of copper-nickel deposits at Oiseau (Bird) River, Manitoba.
- Shaft sinking at Flin Flon, Manitoba.

1921
- Discovery of Sadie-Friendship vein, Keno Hill, Yukon.
- Staking of Copper Mountain orebody, Gaspé, Quebec.
- Opening of Derry feldspar mine near Buckingham, Quebec. This brought Quebec to the fore as an important producer.
- First shipments of silver-lead ores, Mayo, Yukon.
- Introduction of rubber mill liners, Nipissing mill, Cobalt, Ontario.
- Development of Luscar coal mine, Alberta.
- Sullivan Machinery Company introduces the first two-drum scraper.

1922
- Noranda Mines formed to mine newly discovered copper-gold ores, Noranda region, Quebec.
- Discovery of Sherridon Mines orebody, Manitoba.
- Staking of the Amulet mine claims, Quebec.
- Introduction of rod mills in Canadian mills.
- Beginning of drilling, Wainwright oil field, Alberta.
- Following encouraging discoveries of gold, a staking rush in Rouyn, Dasserat, Boischâtel, Joannès, Dufresnoy and other townships, northwestern Quebec.
- Inco dismantles refinery, Bayonne, New Jersey.

1923
- Drilling establishes that the Horne deposit is principally copper.
- Staking of the Sherritt-Gordon orebody, Manitoba.
- Completion of CPR line from Mattawa to Lac des Quinze, northwestern Quebec.
- Staking of Granada mine claims, Rouyn, Quebec.
- Construction begins, Temiskaming and Northern Ontario railway line from Swastika to Kirkland Lake and Larder Lake, Ontario.
- Red Coulee well first to reach oil in Sunburst formation, Alberta.
- End of mining iron ore for blast furnaces in Canada. There was no production until 1939.
- Mining begins, Onondaga mine, Manitoba.
- Longwall mining, by hand, introduced in Cape Breton coal mines, Nova Scotia.
- Closing of Bennett Martin asbestos mine, Thetford Mines, Quebec.

1924
- First commercial flight in Canada, May 23, between Angliers and Tremoy Lake, Rouyn area, Quebec.
- First commercial air service, Haileybury, Ontario, to Rouyn, Quebec.
- Opening of the Back (Wallingford) feldspar mine, Glen Almond, Quebec (an important producer until it closed in 1972).
- Beginning of production, Royalite Number 4 well, Turner Valley, Alberta. Discovery of the Turner Valley natural gas field.
- Creation of the Royal Canadian Air Force.

- Discovery of lithium ore, Pointe du Bois, Manitoba.
- British American Nickel Company in liquidation.
- Discovery of Central Manitoba-Kitchener orebody, Manitoba.

1925

- Discovery of gold precipitates gold rush, Red Lake, Ontario.
- Stirling Zinc begins operations, Stirling, Cape Breton, Nova Scotia.
- Milling of silver-lead ores, Wernecke, Yukon.
- Discovery of gold, Beardmore, Ontario.
- Discovery of Venus mine outcrop, Barraute Township, Quebec.
- Discovery of gold near Gem and Slate lakes, Manitoba.

1926

- Development of the Ives mine, Bolton Township, Eastern Townships, Quebec.
- Newly formed Patricia Airways uses bush planes to fly supplies to Red Lake, Ontario.
- Production and construction of smelter begins at Noranda, Quebec.
- Discovery of lead-zinc-copper orebodies, Buchans, Newfoundland. This was the first discovery using geophysical methods.
- Dip-needle survey and staking of claims, Steep Rock Lake, Ontario.
- Alcan opens aluminum smelter, Arvida, Quebec.
- Hans Lundberg develops Turam method of electromagnetic prospecting, Sweden.
- Exploration for minerals by electrical methods in Quebec.
- Incorporation of Falconbridge Nickel Mines Limited.
- Abandonment of Worthington nickel-copper mine after a cave-in of the workings on October 4, Sudbury area, Ontario.
- Construction of mica grinding plant by Orser-McKenzie Mica Milling Company, Bancroft, Ontario. This was the first in Ontario to produce different grades.

1927

- Development begins, San Antonio mine, Manitoba.
- Blowing in of Noranda Mines Horne smelter, Noranda, Quebec.
- Starting of shaft, Howey gold mine, Red Lake, Ontario.
- Mining begins at Flin Flon, Manitoba.
- Staking of gold-silver claims, Favourable Lake (a source of the Severn River, flowing into James Bay). Later Berens River mine, 1936-1948.
- Incorporation of Sherritt-Gordon Mines.
- Mining of tungsten begins, Indian Path, Nova Scotia. Continued until 1929.
- Sunlight Coal opens first extensive strip mine for coal, Estevan, Saskatchewan.
- Discovery of the Gaspé Mines copper orebody, Quebec.
- Construction of the Nipissing Central railway line from Swastika-Larder Lake to Rouyn, Quebec.
- Empire Mining Congress held at Montréal, Quebec.
- Building of first crude oil refinery in Manitoba.
- Discovery of the Endako orebody, British Columbia.

1928

- CN 9000, the first diesel locomotive in mainline service in North America.
- Opening of Windsor brine field, Windsor, Ontario.

- Completion of rail line to Flin Flon from The Pas, Manitoba.
- Discovery of Prairie Creek (Cadillac deposit) lead-zinc-silver veins, Nahanni National Park area, Northwest Territories.
- Construction of concentrator, copper smelter, and zinc plant begins at Flin Flon, Manitoba.
- Falconbridge Nickel Mines Limited formed to mine the Falconbridge orebody. Work begins on its development.
- Amalgamation of Inco and Mond, driven by each owning opposite ends of the Frood deposit.
- Shaft sinking at Sherridon mine, Manitoba.
- Hollinger mine fire. Thirty-nine lives lost.
- Milling begins, Coniaurum mill, Porcupine camp, Ontario.
- Development begins, Oro Grande mine, Manitoba.
- Opening of copper-lead mine, Buchans, Newfoundland.
- Manitoba Department of Mines and Natural Resources established.
- Discovery of the "H" orebody, Horne mine, Noranda, Quebec.
- Discovery of gold and staking of Central Patricia orebody, Pickle Lake, Ontario.
- Shaft sinking at Gem Lake mine, Manitoba.
- Argonaut and Associated Goldfields suspend mining operations in Ontario.
- Discovery of a gossan at Rankin Inlet, Northwest Territories.
- Collapse of the Worthington mine, Sudbury area, Ontario.
- Production begins, Waite-Ackerman-Montgomery mine.
- Production begins, March mine, Porcupine camp, Ontario.
- Closing of Tough-Oakes-Burnside mine.
- Northern Aerial Minerals uses airplanes for exploration and prospecting, east coast of Hudson Bay, Quebec.
- Mining resumes, Mandy mine, Manitoba.

1929

- Mining of high-grade stibnite, Lake George, New Brunswick (continued until 1931).
- Re-opening of the Grand Trunk mine, South Stukely Township, Quebec. It was previously mined in the 1860s.
- Closing of Tétrault lead-zinc mine, Portneuf County, Quebec.
- Production begins at the Falconbridge mine, Falconbridge, Ontario.
- Production begins at the Waite-Amulet mine, Noranda, Quebec.
- Production begins at the Siscoe mine, Val-d'Or, Quebec.
- Production begins, Granada-Rouyn mine, northwestern Quebec.
- Development of a uraninite occurrence, Wilberforce, Ontario.
- Milling begins, Monarch mine, British Columbia.
- Discovery of a copper-gold gossan at Opemiska Lake, Chibougamau, Quebec. A staking rush results.
- Discovery of commercial-grade iron ore, Quebec-Labrador.
- Production begins, Red Coulee oil field, Alberta.
- Small flotation plant installed at McIntyre mine, Porcupine, Ontario.
- Destruction of the Dome mill by fire, Porcupine, Ontario.
- Milling begins, Eureka molybdenum mine, La Corne Township, Quebec.
- Horne mine comes into production at 2000 tons per day, Noranda, Quebec.
- Development of Amaranth gypsum deposits, Manitoba.
- First use of an aircraft for mineral exploration in New Quebec/Labrador.

- Conversion to underground mining, King asbestos mine, Eastern Townships, Quebec.

1930

- Introduction of the first motion picture with sound synchronized with image, "The Jazz Singer."
- Continuous production begins, Elmtree limestone deposit, Petit Rocher, near Bathurst, New Brunswick.
- Development of Abana copper-zinc mine, La Sarre, Quebec.
- Development of the Aldermac mine, northwestern Quebec.
- Mill installed, Minto mine, Michipicoten, Ontario.
- Discovery of Pitchblende, silver-radium ores, Echo Bay, Great Bear Lake, Northwest Territories.
- Operations begin, Elmtree limestone deposit, New Brunswick (it was mined until 1960, and again from 1978).
- Milling begins, Howey mine, Red Lake, Ontario.
- Milling begins, Amulet mine, northwestern Quebec.
- Blowing in of the smelter, Falconbridge Nickel Mines Limited, Falconbridge, Ontario.
- Blowing in of new smelter, Copper Cliff, Ontario.
- First production of electrolytic copper, Ontario Refinery Company, Copper Cliff, Ontario. This was Canada's third copper refinery.
- Construction of Canada's fourth copper refinery, Canadian Copper Refiners, Montréal-Est, Quebec.
- Ontario Legislature passes the *Iron Ore Bounty Act* to stimulate mining of the metal in the province.
- Start-up of Hudson Bay Mining & Smelting concentration plant and smelter, Flin Flon, Manitoba.
- Manitoba, Saskatchewan and Alberta assume control over their natural resources.
- Canada attains position as world's second largest producer of gold.
- Discovery of gold, Bannockburn Township, Ontario (later the Ashley mine).
- Production begins, Granada mine, Rouyn-Noranda area, Quebec.
- First production of refined zinc and blister copper, Flin Flon, Manitoba.
- First production of bismuth, Trail, British Columbia.
- Opening of Mersey Paper Company limestone quarry, near Halifax, Nova Scotia.
- Closing of Copper Mountain mine, British Columbia.
- New mill begins operation at the Dome mine, exactly one year after the fire that destroyed the previous mill, on October 28, 1929, Porcupine, Ontario.
- Construction of Copper Cliff mill, Inco, Copper Cliff, Ontario.
- Discovery of Beattie mine orebody, Duparquet Township, Quebec.
- Closing of Canadian Graphite mine, Guénette, Quebec.

1931

- Installation of flotation unit, Lake Shore mine, Kirkland Lake, Ontario.
- Start-up of Montréal-Est copper refinery, Canadian Copper Refiners, Montréal, Quebec.
- Haileybury Mining School established, Haileybury, Ontario.
- Ontario Department of Mines reports an occurrence of sulphides near Lake Manitouwadge, Ontario.
- Sperry-Sun Drilling Services introduces world's first borehole gyroscope.
- Orford process plant completed, Copper Cliff, Ontario.
- Discovery of gold, Swayze and Three Duck Lake areas, Ontario.

- Production begins, Parkhill and Minto mines, Michipicoten district, Ontario.
- Discovery of gold, Island Lake, Manitoba.
- Opening of Hagersville gypsum mine, Hagersville, Ontario.
- Production of fertilizer begins, Cominco, Trail, British Columbia.
- First production of selenium in Canada, Ontario Refining Company Limited.
- Production begins, Beattie gold mine, Duparquet Township, Quebec.
- Great Britain abandons the gold standard, and is followed by others.
- Mining Corporation discontinues mining, South Lorraine, Ontario.
- Closing of Keeley silver mine, South Lorraine, Ontario.
- Production begins, Sherritt-Gordon mill, Manitoba.
- Operation of pilot plant, Big Missouri mine, British Columbia.
- Closing of Nickel Plate mine, Hedley, British Columbia.
- Closing of copper converters, Port Colborne, Ontario (prior to transfer of Orford process to Copper Cliff).

1932

- Opening of government limestone quarry, Pugwash, Nova Scotia.
- Staking of claims, Blue Mountain nepheline syenite, Peterborough, Ontario.
- Opening of Eldorado mine, Great Bear Lake, Northwest Territories.
- First shipment of ore, 20 tons, from Great Bear Lake to the Ore Dressing Laboratories of the Mines Branch, Ottawa, Ontario.
- Eldorado Gold Mines begins treatment of radium ores, Port Hope, Ontario.
- Cominco begins smelting of silver ores from Great Bear Lake, Northwest Territories.
- Production begins, Ashley gold mine, Ontario
- Milling begins, O'Brien Cadillac mine, Quebec.
- Production begins, San Antonio gold mine, Manitoba.
- Milling begins, Aldermac gold mine, Beauchastel Township, Quebec.
- Suspension of milling, Sherritt-Gordon, Manitoba.
- Operation of gold dredge by McLeod River Mining Corporation, Peers, Alberta.
- First commercial production of salt, Neepawa, Manitoba.
- Treadwell Yukon Mining Company produces gold in mill on Bussière claims, Quebec.
- Production begins, Moss gold mine, Thunder Bay district, Ontario.
- Introduction of block caving, King asbestos mine, Thetford Mines, Quebec.
- Discovery of gold, God's Lake, Manitoba.
- Union of South Africa abandons the gold standard.
- Operation of small oil refinery, Fort Norman, Northwest Territories.
- Milling begins, Bralorne mine, Bralorne, British Columbia.
- Closing of mill and abandonment of camp, Treadwell Yukon Mining Company, Wernecke, Yukon.
- Milling begins, Gem Lake and Cryderman mines, Manitoba.
- Discovery of gold, McWatters property, Rouyn Township, Quebec.

1933

- Operations begin, St. Lawrence fluorspar deposits, Newfoundland.
- Production begins at Eldorado mine, Port Radium, Northwest Territories.
- Milling begins, Macassa gold mine, Kirkland Lake, Ontario.
- Production of salt, Simpson, Saskatchewan.

- United States abandons the gold standard.
- Production begins, Cariboo Gold Quartz Mining Company, Barkerville, British Columbia.
- Production begins, Vanson gold mine, Manitoba.
- Production begins, Grand Central gold mine, Manitoba.
- Operation of first absorption plant, Turner Valley, Alberta.
- Milling begins, San Antonio mine, Manitoba.
- Production resumes, Monarch mine, British Columbia.
- Discovery of the Lamaque mine orebody, Val-d'Or, Quebec.
- Discovery of gold, Beresford Lake, Manitoba (later Gunnar Gold Mines).
- Production begins at radium refinery, Port Hope, Ontario. First commercial production of radium and uranium compounds in Canada.
- Milling begins, Green-Stabell gold mine, Quebec.
- Milling begins, Oro Grande mine, Manitoba.
- Resumption of mining, after destruction of mill by fire, Reno mine, British Columbia.
- Operations begin, Seal Harbour Gold Mines Limited, Nova Scotia.
- Work begins, Montague Gold Mine Limited, Nova Scotia.

1934

- Gold rush at Yellowknife, Northwest Territories.
- Milling begins, Peron gold mine, Quebec.
- Century 1 well produces crude oil rather than naphtha-laden gas, Turner Valley, Alberta.
- Drilling of first commercial gas well in Saskatchewan.
- Amalgamation mill comes into production, McWatters mine, Quebec.
- Milling begins, Sullivan mine, northwestern Quebec.
- Milling begins, Little Long Lac mine, Ontario.
- Milling begins, J. M. Consolidated and Central Patricia mines, Patricia district, Ontario.
- Production resumes, Tétreault mine, Portneuf County, Quebec.
- First production of selenium in Québec, Canadian Copper Refiners Limited.
- Shaft sinking at Gunnar gold mine, Manitoba.
- Resumption of mining at Rex (Laguna) mine, Manitoba.
- First commercial gas well, Lloydminster No. 1, Lloydminster, Saskatchewan.
- Lloydminster becomes first town in Saskatchewan to use natural gas.
- Discovery of gold south of Beaverlodge Lake, Saskatchewan.
- Weight of gold equivalent of United States dollar reduced.
- Dominion tax on gold comes into effect.
- Resumption of mining at Gem Lake mine, Manitoba.
- Operations of Oro Grande mine suspended, Manitoba.
- Production begins, Guysboro Mines Limited, Goldenville, Nova Scotia.
- Milling begins, Northern Empire mine, Ontario.
- Establishment of rock wool industry in Canada.
- Operations resume at Rex and Gem mines, Manitoba.
- Milling begins, Matachewan Consolidated and Young-Davidson mines, Matachewan district, Ontario.
- Founding of Bourlamaque, Quebec, by the Lamaque Mining Company.
- Sinking of shaft starts at East Malartic mine, Malartic, Quebec.
- Development of the Sigma and Lamaque gold mines begins, Val-d'Or, Quebec.
- Operations begin at Little Long Lac Gold Mines, Little Long Lac, Ontario.

- CIM's Industrial Minerals Section is formed as the first specialized group. It became the first Division in 1940.
- Shaft sinking at Gabrielle mine, Manitoba.
- Production begins, Island Lake mine, Manitoba.
- Well drilled near Neepawa, Manitoba, produces salt brine. It was developed and produced until 1970.

1935

- Introduction of cut-and-fill to replace shrinkage mining at the Falconbridge mine. More selective with cleaner ore.
- Production begins at Lamaque, Canadian Malartic and Arntfield gold mines, northwestern Quebec.
- Discovery of Dickstone No. 1 surface showing, Manitoba.
- Mining begins, Johnston Knee Lake mine, Manitoba.
- Installation of new mill, Elsa mine, Mayo district, Yukon.
- Shaft sinking begins at Cochenour-Willans gold mine, Red Lake, Ontario.
- Staking of Giant Yellowknife and Con orebodies, Yellowknife, Northwest Territories.
- Smelting of chromite ore, Chromium Mining and Smelting Corporation, Sault Ste. Marie, Ontario.
- Milling begins at Pickle Crow gold mine, Pickle Lake, Ontario.
- Suspension of milling, Monarch mine, Field, British Columbia.
- Suspension of operations, Canusa mine, Porcupine district, Ontario.
- Gold veins discovered, Sachigo River area, Patricia district, Ontario.
- Milling begins, Ross mine, Hislop Township, Ontario.
- Milling begins, McKenzie Red Lake mine, Ontario.
- Closing of Anyox smelter, British Columbia.
- Bank of Canada begins to operate. Gold and silver held by the Dominion government transferred to the Bank.
- Suspension of operations, Island Lake mine, Manitoba.
- Discovery of gold, Echimanish River, Manitoba.
- Gold bullion tax discontinued.
- Resumption of operations, Sterling mine, Nova Scotia.
- New mills begin operating at Ymir Yankee Girl, Second Relief, and Sheep Creek gold mines, British Columbia.
- First production of tellurium in Quebec.
- Milling begins, God's Lake mine, Manitoba.
- Suspension of milling, Island Lake mine, Manitoba.
- Colony wells 1, 2 and 3 come in, Lloydminster gas field, Alberta.
- Initiation of study on coal industry, Alberta.
- Granby Consolidated Mining, Smelting and Power Company closes operations, Anyox, British Columbia, and goes into liquidation.
- Explosion at Lethbridge Collieries, Alberta. Sixteen killed.
- Resumption of milling, Nickel Plate mine, British Columbia.
- Suspension of milling, Granada Gold Mines, Rouyn-Noranda area, Quebec.
- Natural gas discovered, Kakwa, Saskatchewan.
- Operations begin, Caribou gold mine, Nova Scotia.
- Suspension of mining, Johnston Knee Lake mine, Manitoba.

1936

- Formation of the Canadian Broadcasting Corporation.
- Mining of nepheline syenite begins, Blue Mountain, Ontario.
- Shaft sinking at Opemiska copper mine, Chibougamau, Quebec.
- Production begins, Pamour mine, Porcupine, Ontario.
- Shaft sinking at Gold Lake and Packsack mines, Manitoba.
- Resumption of mining, Oro Grande mine, Manitoba.
- Imperial coal mine abandoned, Coalhurst, Alberta.
- Production begins, Little Narrows Gypsum Company, Little Narrows, Nova Scotia.
- Pembina Peerless Colliery closed, Evansburg, Alberta.
- Production begins, Shawkey mine, northwestern Quebec.
- Construction of first cyanide mill in Nova Scotia, Seal Harbour mine.
- Operations begin at new mill, Perron Mines, northwestern Quebec.
- Production begins, Stadacona-Rouyn mine, northwestern Quebec.
- Closing of Ashley mine, Ontario.
- Closing of Ardeen mine, Moss Township, Ontario.
- Mining resumes, Powell Rouyn gold mine, Rouyn Township, Quebec.
- Production begins, Red Lake Gold Shore mine, Ontario.
- Milling begins, Argosy mine, Ontario.
- Extensions to Inco and Falconbridge plants, Sudbury district, Ontario.
- Production begins, Gunnar gold mine, Manitoba.
- Formation of Bell Asbestos Mines, which acquired the Keasby and Matteson Company, Eastern Townships, Quebec.
- Suspension of mining, Jowsey Island mine, Manitoba.
- Completion of shaft, Monarch gold mine, Dasserat Township, Quebec.
- Discovery of copper near Morton Lake, Manitoba.
- Mining resumes, Halliwell gold mine, Beauchastel Township, Quebec.
- Production resumes, Rex mine, Manitoba.
- Bringing in of first big crude oil producer, Turner Valley Royalties Number 1, Turner Valley field, Alberta.
- First production of cadmium, Hudson Bay Mining and Smelting Company, Flin Flon, Manitoba.
- Amendment of *Income Tax Act* exempts new metal mines for three years.
- Milling begins, Thompson Cadillac and Belleterre mines, northwestern Quebec.
- Completion of road between Amos and Val-d'Or, Quebec.
- Discovery of gold, Sulphide Lake, Saskatchewan.
- New mills begin operating at Bayonne, Hedley Mascot and Wesko mines, British Columbia.
- Re-opening of Bennett Martin asbestos mine, Thetford Mines, Quebec.
- Production of elemental sulphur begins on a commercial scale, Trail smelter, British Columbia.
- Original development of Kiena gold orebody, Val-d'Or, Quebec.

1937

- Drilling begins, Lake Dufault property, Duprat/Dufresnoy townships, Quebec.
- Opening of Privateer gold mine, Zeballos, British Columbia.
- Discovery of hematite orebodies, Aushuanipi Lake area, Quebec.
- Mining begins, Cranberry Portage mine, Manitoba.
- Closing of Maple Leaf asbestos mine, Thetford Mines, Quebec.
- Suspension of mining, Gem Lake mine, Manitoba.

- Production begins at the Beattie mine, Duparquet, Quebec.
- Milling begins, Delnite mine, Porcupine district, Ontario.
- Milling begins, Raven River mill, Larder Lake district, Ontario.
- Production begins, Sand River mine, Thunder Bay district, Ontario.
- Production begins, Gurney gold mine, Manitoba.
- Production resumes, Sherritt-Gordon mine, Manitoba.
- Production resumes, Copper Mountain mine, Allenby, British Columbia.
- Closing of Bousquet and McMillan mines, Sudbury district, Ontario.
- Completion of cyanide mill, New Golden Rose mine, Temagami district, Ontario.
- Closing of Tashota mine, Ontario.
- Completion of mill, Gold Eagle mine, Patricia district, Ontario.
- Closing of Hudson Patricia mine, Patricia district, Ontario.
- Milling begins, Bankfield mine, Ontario.
- Resumption of production, Aldermac, Waite Amulet, and Cournor mines, northwestern Quebec.
- Production begins at the Sigma, Powell Rouyn, and Normetal mines, northwestern Quebec.
- Closing of Tétreault mine, Portneuf County, Quebec.
- Creation of Goldfield, Saskatchewan, as a village.
- Abandoning of Western Gem coal mine, Drumheller, Alberta.
- Suspension of operations, central Manitoba mines.
- First commercial shipment of lithium in Canada, Manitoba.
- Passage of *Gold Clauses Act* (eliminating requirement to pay in gold).
- Nova Scotia government re-opens Lacey mine for training purposes.
- Opening of Colliery No. 20, New Aberdeen, Nova Scotia.
- New mills begin operating, Polaris-Taku and Durango mines, British Columbia.
- Quebec government passes a law requiring a company to be chartered in the province before mining rights can be acquired.
- Resumption of production, Beresford Lake Mines Limited, Manitoba.
- Discovery of natural gas, Kamsack, Saskatchewan.
- Canadian Refractories converts to underground mining, Kilmar, Quebec.
- Completion of Canadian National Railway line between Senneterre and Val-d'Or, Quebec.

1938

- Production begins, Mesabi mine, Kirkland Lake district, Ontario.
- Explosion, Hinton Collieries, Hinton, Alberta.
- Quebec Bureau of Mines uses Gale mine as a vocational school.
- Shaft sinking at Sunbeam mine, Manitoba.
- Production begins, Tionaga mine, Sudbury district, Ontario.
- Closing of Parkhill and Algold mines, Algoma district, Ontario.
- Operations cease, Morris Kirkland mine.
- Opening of Quebec Government Mine School, Val-d'Or (closed in 1942).
- Production begins at Madsen Red Lake Gold Mines Ltd., Red Lake, Ontario.
- Milling begins, Sachigo River mine, Patricia district, Ontario.
- Milling begins, Consolidated-Rycon, Yellowknife, Northwest Territories.
- Milling begins, Privateer and Spud Valley mines, Zeballos district, British Columbia.
- Milling begins, Gold Belt mine, Sheep Creek district, British Columbia.
- Operations begin, Queens Mines Limited, Molega district, Nova Scotia.
- Closing of British Metals Corporation (Canada) operations, Stirling, Nova Scotia.

- Milling begins, Big Missouri mine, Portland Canal area, British Columbia.
- Development of Box mine, Goldfields, Saskatchewan.
- Production begins, Cariboo Hudson mine, British Columbia.
- Production begins at East Malartic, Francoeur, Halliwell, Lapa Cadillac, Lake Rose, Pan Canadian, Payore, and Sladen-Malartic mines, Quebec.
- Completion of Canadian National Railway line between Rouyn and Bonneterre, northwestern Quebec.
- Production of mercury, Mud Creek, British Columbia.
- Milling begins, Golden Gate mine, Kirkland Lake district, Ontario.
- Main shaft of Eustis copper mine, Capelton, Quebec, inclined at 41°, reaches 7429 ft horizon.
- Production begins, Upper Canada mine, Kirkland Lake district, Ontario.
- Production begins at Kerr-Addison mine, Larder Lake, Ontario.
- Milling begins, Cline mine, Algoma district, Ontario.
- Production begins at MacLeod Cockshutt, Hardrock and Tombill gold mines, Thunder Bay district, Ontario.
- Discoveries of gold, Thompson, Wray, and Russell lakes, Northwest Territories.
- Milling begins, Straw Lake Beach mine, Kenora district, Ontario.
- Milling begins, Lapa Cadillac, Eastern Malartic, Payore, Lake Rose, and Sladen-Malartic mines, western Quebec.
- Lead-zinc-silver deposit discovered by geophysical means, Tetagouche-Orvan Brook region, New Brunswick.
- Drilling discloses Hogarth and Errington bessemer-grade hematite orebodies, Steep Rock Lake, Ontario.
- Opening of tungsten mine, Goff, Nova Scotia.
- Opening of Number 18 Colliery, New Waterford, Nova Scotia.
- Identification of brucite deposits at Wakefield, Quebec, by M.F. Goudge, Canadian Mines Branch.
- Production begins, Hallnor and Moneta Porcupine mines, Porcupine district, Ontario.
- Canadian Kaolin Silica Products Limited enlarges its silica plant, St. Remi, Papineau County, Quebec.
- Opening of Luzenac talc mine, St.-Pierre-de-Broughton, Quebec.
- Discoveries of oil in wells at Lloydminster and Vara, Saskatchewan.
- Production begins, Con mine, Yellowknife, Northwest Territories.
- Pouring of the first gold brick in the Northwest Territories, Con mine.
- Production begins, Havelock lime mine, Havelock, New Brunswick.
- Discovery of the Emerald mine tungsten orebody, British Columbia.

1939

- Production begins, Negus mine, Yellowknife, Northwest Territories.
- Mining of iron begins, new Helen mine, Wawa, Ontario. This was the first iron mining since 1923.
- Passage of new *Gold Clauses Act.*
- Export of various metals and minerals prohibited without licence.
- World War II begins.
- Amendment of *Income Tax Act* to afford credit to the mining industry.
- End of coal mining, Nanaimo area, British Columbia.
- Closing of the Eustis copper mine, Capelton, Eastern Townships, Quebec. It was mined since 1865.

- Closing of Gurney mine, Manitoba.
- Production begins, Preston East Dome mine, Porcupine district, Ontario.
- Milling begins, De Santis and Broulan mines, Porcupine district, Ontario. The latter at the Mace mill.
- Closing of Porcupine Lake and Mace mines, Porcupine district, Ontario.
- Milling begins, new Upper Canada Mines mill, Kirkland Lake, Ontario.
- Milling ceases, Raven River mine, Larder Lake, Ontario.
- Closing of Tionaga and Lebel Oro mines, Sudbury district, Ontario.
- Closing of Minto mine and suspension of operations at Hiawatha mine, Algoma district, Ontario.
- Magino mine (formerly Algoma Summit) re-opens, Algoma district, Ontario.
- Opening of Ranson mine, Algoma district, Ontario.
- Production begins, Amm and Mooshla mines, western Quebec. Both ceased in 1940.
- Milling begins, Malartic Gold Fields, Wood Cadillac and Central Cadillac mines, western Quebec. The latter at the Thompson-Cadillac mill.
- Development of brucite deposits, Gatineau district, Quebec, by Canadian Refractories.
- Production begins, Chesterville mine, Larder Lake, Ontario.
- Production begins, Tyranite mine, Matachewan district, Ontario.
- Production begins, Ronda mine, Sudbury district, Ontario.
- Milling begins, Magnet Consolidated gold mine, Thunder Bay district, Ontario.
- Production begins, Uchi and Cochenour Willans mines, Patricia district, Ontario.
- Milling begins, Berens River mill, Patricia district, Ontario.
- Milling begins, Kenricia mine, Kenora district, Ontario.
- Opening of new mine by Guysborough Mines at Lake Charlotte, Nova Scotia.
- Siscoe Gold Mines re-opens tungsten mine, Indian Path, Nova Scotia.
- Joggins Coal Company opens Bay View Colliery Number 8, Joggins, Nova Scotia.
- Production begins, Jellicoe mine, Thunder Bay district, Ontario. Closed in 1940.
- Operations suspended, Laguna (Rex) and Gurney mines, Manitoba.
- Milling begins, Box mine, Goldfields, Saskatchewan.
- Abandonment of Hillcrest Collieries, Alberta.
- Production of tungsten, by Columbia Tungsten Company, begins, Wells, British Columbia.
- Completion of mills, Zeballos and Mount Zeballos mines, British Columbia.
- Operations cease, Coalmont Collieries, British Columbia.
- Re-opening of Coulombe Titanic Iron mine, St. Urbain, Charlevoix County, Quebec.
- Montague Gold Mines ceases operations, Nova Scotia.
- Canadian producers agree to supply the British government with copper, lead, and zinc at pre-war prices.
- Production begins, Victoria open pit, Algoma Ore properties, Wawa, Ontario.
- Production begins, George W. MacLeod mine, Wawa, Ontario.
- Development begins, Senator-Rouyn gold mine, Rouyn Township, Quebec.

1940

- Re-opening of Kiena gold mine, Montigny Lake, Quebec.
- Department of Munitions and Supply established by Canadian government.
- Closing of Addington and Cordova gold mines, Ontario.
- First production of bullion at Malartic Gold Fields, Pandora Cadillac Gold Mines, Senator-Rouyn, Kewagama Gold Mines, and National Malartic Gold Mines, northwestern Quebec.

- First production of bullion at Aunor mine, Porcupine district, Ontario.
- Opening of dolomitic limestone quarry, Upper Musquodoboit, Nova Scotia.
- First concrete headframe in Canada, Hollinger mine.
- Milling begins, Faymar Porcupine mine, Ontario.
- Discovery of one of the largest single deposits of barite in the world, near Walton, Hants County, Nova Scotia.
- Production begins, McMarmac Red Lake gold mine, Ontario.
- Operations cease at J.M. Consolidated gold mines, Ontario.
- Operations resume at the Argosy mine, Ontario.
- Operations cease at the Kenricia mine, Ontario.
- Resumption of production, Upper Seine gold mine, Ontario.
- Re-opening of Monarch mine, Amisk Lake, Saskatchewan.
- Resumption of operations, Slave Lake Gold Mines, Northwest Territories.
- Exploration of Tundra (Fat) gold deposit, Lac de Gras area, Northwest Territories.
- Cominco commences production of mercury, Pinchi Lake, British Columbia.
- Milling resumes, Western Exploration Company, Silverton, British Columbia.
- Production resumes, Nicolet Asbestos Mines, Tingwick Township, Quebec.
- Mining begins, Parson barite deposit, Fort Steele, British Columbia.
- Germans seize Kristiansand, Norway, refinery of Falconbridge Nickel Mines Limited.
- Urgent need for manganese causes renewed interest in Magdalen Islands deposits, Gulf of St. Lawrence, Quebec.
- Production begins, Moss molybdenite mine, Onslow Township, Quebec.
- Operations cease, Beresford Lake mine, Manitoba.
- Mining resumes, Sterrett chromite deposit, St-Cyr, Quebec.
- Block caving introduced in the Johnson's asbestos mine, Thetford Mines, Quebec.

1941

- Closing of Seal Harbour Gold Mines, Nova Scotia.
- Report of ilmenite deposits, Allard Lake, Quebec.
- Closing of Morris Kirkland Gold Mines, Ontario.
- Re-opening of Montréal chromite pit, Black Lake, Quebec.
- Production begins, Hoyle Gold Mines, Ontario.
- Construction of mills by Mic Mac Mines and West Malartic, western Quebec.
- Production of barite begins, Canadian Industrial Minerals, near Walton, Hants County, Nova Scotia. The operation, then run by Magnet Cove Barium Corporation, closed in 1979.
- New plant erected by Neepawa Salt Company, Manitoba.
- Discovery of glass sands, Red Deer River, Saskatchewan.
- Discovery of an important deposit of muscovite mica, Mattawan Township, Ontario.
- Mining of barite begins, Walton deposit, Pembroke, Nova Scotia.
- Mining of fluorspar begins, Lake Ainslie, Nova Scotia.
- Closing of New Golden Rose, St. Anthony, Northern Empire, Upper Seine, Gold Eagle, Howey, and Straw Lake Beach mines, Ontario.
- Milling ceases, Relief Arlington mine, British Columbia.
- Milling begins, Ptarmigan and Thompson-Lundmark mines, Northwest Territories. The Ptarmigan mine closed in 1942.
- First production of tin in Canada, Cominco, Trail, British Columbia.
- Production begins at Lake Geneva Mining Company, Ontario.

- Aluminum Company of Canada constructs a plant to produce brucite granules, Wakefield, Quebec.
- Production of magnesium powder at Trail, British Columbia.
- Redevelopment of old Josephine iron mine, Algoma district, Ontario.
- Milling ceases, Reno Gold Mines, British Columbia.
- Refining begins, Absands Oils, Fort McMurray, Alberta. The plant was destroyed by fire late in the year and rebuilt in 1942.
- Discovery of copper-nickel orebody, Lynn Lake, Manitoba.
- Opening of Timminco dolomite quarry, Haley Station, Ontario.

1942

- Approval for construction of the Alaskan Highway.
- Mining begins at Maxwell brucite-dolomite mine, Wakefield, Quebec (continued until 1969).
- First production of magnesium by the Pidgeon process, Dominion Magnesium Limited, Haley Station, Ontario.
- Discovery of second orebody at the Moulton Hill mine (1889-95). Mine re-enters production until 1945.
- Production begins, West Malartic, Mic Mac, and Golden Manitou mines, western Quebec.
- Closing of Arntfield, Wood Cadillac, and Pandora mines, Quebec.
- Operations suspended, Cournor mine, Quebec.
- Operations suspended at Golden Gate and Crescent mines, Ontario.
- Operations suspended at De Santis, Faymar, Nakhodas, and Naybob mines, Porcupine district, Ontario.
- Completion of scheelite mill, Hollinger Gold Mines, Ontario.
- Operations suspended at Tyranite and Rundle mines, Ontario.
- Closing of Renabie, Sand River, Jason, and Cline Lake mines, Ontario.
- Production ceases at Bankfield mine, Ontario.
- Operations ceased at Tombill, Sturgeon River, and Elmos mines, Ontario.
- Closing of Gunnar Gold mine, Manitoba.
- Closing of Box mine, Saskatchewan.
- Closing of Polaris-Taku, Bayonne, Buccaneer, Central Zeballos, Homeward, Muskateer, Mount Zeballos, and Ymir Yankee Girl mines, British Columbia.
- Development at New Calumet Mines, Quebec.
- Operations cease at Big Missouri and Surf Inlet mines, British Columbia.
- Discovery of the Aldermac copper-lead-zinc orebody, Ascot Township, Eastern Townships, Quebec.
- First production of indium in Canada, Trail, British Columbia.
- Discovery of molybdenite in Pressaic Township, Quebec.
- Milling ceases, Kootenay Belle mine, British Columbia.
- Re-opening of Tétrault mine, Montauban-les-Mines, Portneuf County, Quebec.
- Federal government establishes Polymer Corporation (now Polysar) to manufacture synthetic rubber, Sarnia, Ontario.
- Re-opening of molybdenite reduction plant, Lacorne Township, Quebec, by Wartime Metals Corporation.
- Re-opening of Bélanger chromite mine, Coleraine Township, Quebec, by Wartime Metals Corporation.
- Alberta Nitrogen Products commences production of ammonia from natural gas, Calgary, Alberta.

- Production begins of chromite concentrate, Cleveland Township, Quebec.
- Scheelite mill erected by Quebec Department of Mines at mine school near Val-d'Or.
- Discovery of chromite deposits, Bird River, Manitoba.
- Shipments of gold ore from Ogama mine to Gunnar mill, Manitoba.
- Erection of sodium sulphate plant, Alask Lake, Saskatchewan.
- Destruction, by fire, Pamon gold mine plant, Saskatchewan.
- Re-opening of Eldorado mine, Northwest Territories.
- Production of concentrates, Sherritt-Gordon mine, Manitoba.
- Ceasing of operations at Seal Harbour Gold Mines and Guysboro Mines, Nova Scotia.
- Starting of Canol project, Fort Norman, Northwest Territories.
- Closing of Quebec government mine school, Val-d'Or.
- Production begins, Emerald tungsten mine, British Columbia. This was the first of four periods of mining. It closed in 1943 and re-opened in 1947.
- Discovery of Goodwood iron ore deposit, Knob Lake area, Quebec.

1943

- Magnetometer survey discloses four anomalies under Lynn Lake, Manitoba.
- Cominco mines coal at Coal Mountain, Corbin, British Columbia (until 1948).
- Production of calcium metal begins, Dominion Magnesium plant, Haley Station, Ontario.
- Emergency Metals re-opens Mandy mine, Manitoba.
- Closing of Naybob and Moneta mines, Porcupine district, Ontario.
- Mining of iron at Austin Brook, New Brunswick (for a few months).
- Destruction of Hoyle mine mill by fire, Porcupine district, Ontario.
- Closing of Yama, Wendigo, and Regnery Metals mines, Ontario.
- Closing of God's Lake mine, Manitoba.
- Closing of Alden-Goudreau gold mine, Algoma area, Ontario.
- Operations discontinued, Uchi mine, Ontario.
- Operations suspended, Magnet, Kenwest, and Jerome mines, Ontario.
- Gold rush at Missanabie, Ontario.
- Closing of Privateer mine/mill, British Columbia.
- Closing of Emerald and Red Rose tungsten mills, British Columbia.
- Elk River Collieries prepared for production, Fernie, British Columbia.
- Indian Molybdenum begins production, Pressaic Township, Quebec.
- Re-opening of Alexo nickel mine, Sudbury district, Ontario.
- Production of mercury by Bralorne Mines, Takla Lake, British Columbia.
- Operations suspended, Gold Belt mine, British Columbia.
- Operations suspended at Con, Rycon, and Thompson-Lundmark mines, Yellowknife, Northwest Territories.
- Shipments of concentrates from Reco Mountain Base Metals, Twin "J," and Kootenay Florence mines, British Columbia.
- Production begins, New Calumet lead-zinc mines, Pontiac County, Quebec.
- Shipments of ore from Nickel Offsets mine, Chelmsford, Ontario.
- Oil Sands Limited produces asphalt from oil sands, Alberta.
- Development of Lava talc deposit, Kootenay National Park, British Columbia.
- Shipments of molybdenite concentrates from LaCorne mine, Quebec.
- Development begins of the Steep Rock orebody.
- Discovery of potash while drilling for oil, Saskatchewan.

- Magnetometer survey discloses the Quemont orebody under Lake Osisko, Noranda, Quebec.
- Operation of Chromeraine chromite mine, by Wartime Metals, Black Lake, Quebec (ended 1944).

1944

- Discovery of Jumpingpound gas field, Calgary area, Alberta.
- Exploration by Elder Gold Mines, Noranda area, Quebec.
- Production of fluorspar by Detomac Mines, Madoc, Ontario.
- Production begins, Aldermac mine, near Sherbrooke, Quebec.
- Discovery of Shaw Petroleum Number 3, Silverdale Number 1 wells, and Lloyd Oil Producers Number 1, Lloydminster, Saskatchewan.
- Closing of Mandy mine, Manitoba.
- Closing of Sterrett chromite mine, Cleveland Township, and Reed-Bélanger chromite property, Black Lake, Quebec.
- Acute labour shortages force suspensions of several operations.
- Steep Rock Iron Mines begins shipping hematite ore.
- Production of high-octane gasoline from Fort Norman petroleum at Whitehorse refinery, Yukon.
- Drilling of barite deposit at Brookfield, Nova Scotia.
- Closing of mill, Hard Rock Gold Mines.
- Production of crude petroleum, Jumping Pound area.
- Production of thallium by Hudson Bay Mining and Smelting.
- Formation of CIM's Coal Division.
- Mining ends, Pinchi mercury mine, Omineca Division, British Columbia. It was the largest single producer in the Western Hemisphere.
- First discovery made on the Hemlo deposit, Ontario.
- First discovery of commercial crude oil in Saskatchewan.
- Discovery of the Campbell gold orebody, Red Lake, Ontario.

1945

- Fire destroys plant, warehouse, and shops, Absands Oils, northern Alberta.
- Drilling of Quemont orebody after magnetometer survey, Quebec.
- MacLeod-Cockshutt suspends milling due to labour shortages.
- Victories in Europe and the Pacific. World War II ends.
- First commercial oil well, Lloydminster, Saskatchewan.
- Falconbridge refinery, Kristiansand, Norway, prepared to resume operation.
- Moulton Hill plant closed by Aldermac Copper, Lennoxville, Quebec.
- Milling resumes at Negus mill.
- Opening of Star Key Colliery, Edmonton area, Alberta (closed 1979).
- Purdy Mica closes trimming plant, North Bay, Ontario.
- Milling resumes, Hard Rock Gold Mines.
- First commercial production of calcium in Canada by Dominion Magnesium.
- Federal government suspends operations in oil sands, Fort McMurray, Alberta.
- Provincial School of Mining created, Haileybury, Ontario.
- Staking of Lynn Lake orebody, Sherritt Gordon Mines, Manitoba.
- Formation of CIM's Metallurgy and Geology Divisions. The former became the Metallurgy Society in 1967, and the latter became the Geological Society in 1990.
- Exploration in area of Bear zinc-silver-lead-gold-copper deposit, northeast of Yellowknife,

Northwest Territories.
- Production begins, Josephine iron mine, Michipicoten area, Ontario.

1946
- Discovery of Shear Lake gold deposit, Arviat area, Northwest Territories.
- Production of barium metals begins, Dominion Magnesium, Haley Station, Ontario.
- Construction of oil sands treatment plant, Bitumont, Alberta.
- Mining ends, East mine, Sherridon, Manitoba. Production shifted to West mine.
- Formation of CIM's Metal Mining Division.
- First mobile electromagnetic system, the Catamite, developed by McPhar Geophysics, Toronto, Ontario.
- End of re-treatment of tailings at Craigmont corundum mine, Renfrew County, Ontario.
- Suspension of milling, West Malartic mine, Quebec.
- Sherritt-Gordon discovers nickel-copper in drill core, Granville Lake, Manitoba.
- Operations suspended for six months due to a series of clay slides into the glory hole, Beattie mine, Duparquet Township, Quebec.
- Exploratory drilling of nickel-copper deposits, Lynn Lake, Manitoba.
- Caving of a crown pillar causes inflow of mud and slime into Jospehine iron mine, northwestern Ontario. The mine was closed.
- Re-opening of rich silver-lead mines, Mayo district, Yukon.
- Discovery of large ilmenite deposits, Allard Lake, Quebec.
- Discovery of Becher natural gas field, southwestern Ontario.
- Opening of Flintkote asbestos mine, Thetford Mines, Quebec.
- Production of bismuth concentrate begins, La Corne mine, Quebec.
- Milling resumes at several locations across Canada, at Magnet Consolidated, MacLeod-Cockshutt, Privateer, Bayonne Consolidated, Western Exploration, Polaris-Taku, and Jason mines. Elsewhere, several dormant properties were dewatered: Sand River, Pacific (Eastern), Peoples and Silver Miller mines.
- Development of the Quemont mine, northwestern Quebec.
- Opening of the Hoyle mine, with ore shipped to the Pamour mill.
- Lifting of ceiling price for silver and reduction of price of gold from $38.50 to $35.00 per troy ounce.
- Canadian dollar placed on par with the U.S. dollar.
- Establishment of a new record for the deepest well in Alberta, the Stolberg well, at 13 109 ft.
- Work suspended at tar sands project, Bitumont, Alberta.
- First commercial production of bismuth concentrates in Quebec.
- Opening of all-weather highway to Red Lake, Ontario.
- Brining operations begin at salt deposit, Nappan, Cumberland County, Nova Scotia.

1947
- Prof. Frank Forward, University of British Columbia, discovers ammonia leaching process to treat Lynn Lake ores, Vancouver, British Columbia. Later applied by Sherritt Gordon Mines, Fort Saskatchewan, Alberta refinery (1954).
- Leduc Number 1 oil well blows in, February 13, Leduc, Alberta.
- Suspension of operations, Francoeur mine, Quebec.
- Construction of new mill at American Nepheline.
- Shaft sinking and development at McKim nickel-copper mine, McKim Township, Ontario.
- Dow Chemical Canada constructs first industry-owned chemicals plant, Sarnia, Ontario. This

was an important event in the emergence of the Canadian petrochemical industry.

- Construction of mill, Cuprus mine, Flin Flon area, Manitoba.
- Shortages of power forces mines of Porcupine and Kirkland Lake to reduce production.
- Production begins at Louvicourt and Consolidated Central Cadillac mines, northwestern Quebec.
- Production resumes at Kicking Horse zinc mine and Monarch lead mine, Field, British Columbia.
- Closing of the Lacey mica mine, Sydenham, Ontario. This was once the most important mica mine in the world.
- Decision to proceed with Knob Lake iron ore project, Quebec.
- Establishment of airport, Knob Lake, Quebec.
- Resumption of milling at Hedley Mascot, British Columbia.
- Pouring of first gold bar at Louvicourt mine, Quebec.
- Resumption of operations, Sheep Creek mine, British Columbia.
- Discovery of the Pincher Creek natural gas structure by Gulf Oil, Alberta.
- Large-scale development of Sullivan lead-zinc mine, Kimberley, British Columbia.
- Milling begins at Nitinat mine.
- Resumption of milling at Slocan property of Western Exploration, British Columbia.
- Resumption of milling at Consolidated Central Cadillac, Quebec.
- Milling begins at Renabie mine.
- Imperial Kimball 2, the discovery well, results in the discovery of the Kimball gas field near Sarnia, Ontario.
- Resumption of milling, after 34-month shut-down, at McMarmac mine.
- Discovery of Ace and other orebodies, Beaverlodge Lake, Uranium City, Saskatchewan.
- Prices of metals, except for tin, decontrolled.
- Resumption of milling at Thompson-Lundmark mine, Yellowknife, Northwest Territories.
- New mill commences operations at Dentonia mine.
- Maritime Industries produces salt in Nova Scotia.
- Suspension of milling, Jason mine.
- Resumption of milling at Base Metal Mining.
- Discovery of Schist Lake deposit and shaft sinking, Flin Flon, Manitoba.
- Pouring of first gold bar at New Marlon mine.
- Closing of La Corne molybdenum-bismuth mine, La Corne Township, Quebec. This was the end of molybdenum mining in Canada.
- Development of East Sullivan mine, northwestern Quebec.
- Milling begins at Kenville Gold Mines.
- Suspension of operations at Shawkey mine.
- Stockpiling of lead concentrates, Keno Hill mine, Yukon.
- Geological Survey of Canada begins publication of aeromagnetic maps.
- Milling begins, Miller Lake O'Brien mine, Gowganda area, Ontario.
- Closing of Montréal chromite pit, Black Lake, Quebec.
- Production begins, Campbell gold mine, Red Lake, Ontario.
- Production resumes, Emerald tungsten mine, British Columbia. This was the second of four periods of mining. It closed in 1948 and re-opened in 1950.
- Discovery of the Gaspé copper orebodies, Murdochville, Quebec.

1948

- Opening of the Red Lake mine, Balmertown, Ontario.
- Re-opening of Woolsey (Regal Silver) tungsten mine, Albert Canyon, British Columbia.

- First drilling of Heniga Lake zinc-copper-silver-gold deposit, Arviat area, Northwest Territories.
- Opening of the Campbell mine, later Campbell Red Lake, Balmertown, Ontario.
- Re-opening of Paradise lead-zinc mine, near Inverness, British Columbia.
- Resumption of milling, Naybob mine.
- Milling begins at Candego mine, Gaspé area, Quebec.
- Resumption of milling at Giant Yellowknife mine, Northwest Territories.
- Milling begins at Ogama-Rockland mine, Manitoba.
- Pouring of first gold bar at Hosco mine.
- Suspension of operations at Silbak Premier mine.
- Opening of Alberta Coal Company surface strip mine for coal, Wabamun area, Alberta.
- Milling begins at Silver Standard mine.
- Concentration of lead-zinc begins at Anacon mine, former Tétrault mine, Portneuf County, Quebec.
- Formation of Québec Iron and Titanium Corporation.
- Construction of railway from Havre St. Pierre to Allard Lake, Quebec.
- Milling begins at Dickenson Red Lake Mines Ltd., Red Lake, Ontario.
- Development of induced polarization method, University of Toronto, Toronto, Ontario.
- Production of copper concentrates begins at East Sullivan mine, Quebec.
- Redwater, Armena, Pincher Creek, Volmer, and Hanna enter as new oil fields in Alberta.
- Discovery of chrysotile asbestos deposit, Matheson, Ontario.
- Discovery of Vimy Ridge asbestos orebody, Thetford Mines, Quebec.
- Introduction of Riddell mucker for shaft sinking.
- Introduction of first continuous mining machine for underground coal mining.
- Closing of Privateer gold mine, Zeballos, British Columbia.
- Closing of Canada China Clay and Silica plant, Saint-Rémi-d'Amherst, Quebec.
- Discovery of Redwater oil field, Edmonton area, Alberta.
- Closing of Emerald tungsten mine, Salmo area, British Columbia.
- Opening of Donalda gold mine, Rouyn-Noranda area, Quebec.
- Production begins, Jeep gold mine, Manitoba.
- End of underground operations, Bienfait Colliery, Bienfait, Saskatchewan (begun 1905). Surface mining, begun in 1942, continued.
- Drilling discloses sufficient tonnage to develop iron ore orebodies near Knob Lake, Quebec.
- Discovery of Siderite Hill orebody, Wawa, Ontario.

1949

- Newfoundland joins Canadian Confederation.
- Formation of CIM's Petroleum and Natural Gas Division. It became the Petroleum Society in 1965.
- Discovery of uranium ores and staking, Faraday Township, Bancroft, Ontario.
- Development of Schist Lake copper-zinc mine, Flin Flon, Manitoba.
- Mines Branch Radioactivity Division develops acid leaching plant for pitchblende ores (1947-49).
- Drilling of Gaspé Copper orebodies, Murdochville, Quebec.
- Production begins, Discovery Yellowknife gold mine, Quyta-Giauque Lake area, Northwest Territories.
- Completion of Gulf Canada Walter Marr No. 1 natural gas well, the largest drilled to that date in Canada, depth 12 768 ft, Pincher Creek area, Alberta.

- Production begins, Nor Acme gold mine, Snow Lake, Manitoba.
- Production begins, Quesabe, Anglo-Rouyn and Consolidated Duquesne gold mines, northwestern Quebec.
- Discovery of North Star deposit, through geophysics, Manitoba.
- Discovery of the Fecunis Lake orebody, Levack, Ontario.
- Production begins at East Sullivan mine. Orebody located by a magnetometer survey.
- Discovery of Campbell and Excelsior oil fields, Alberta.
- Production suspended, New Marlon, Louvicourt, Siscoe, Hosco and Consolidated Central Cadillac mines, northwestern Quebec.
- Production begins, Reeves MacDonald lead-zinc mine, near Trail, British Columbia.
- Construction of first all-aluminum highway bridge across Saguenay River, Arvida, Quebec.
- Incorporation of Iron Ore Company of Canada.
- Financing arranged to bring Quebec-Labrador hematite deposits into production.
- Production begins at Campbell Red Lake Mines Ltd., Red Lake, Ontario.
- Mining begins, Munro asbestos mine, Matheson, near Timmins, Ontario.
- Development of scintillation counter prospecting method, University of Manitoba, Winnipeg.
- Discovery of the Marmoraton mine orebody by geophysical methods, Marmora, Ontario.
- Production of copper concentrates begins at Quemont mine, Noranda, Quebec.
- New Rouyn Merger mine ceases shipments to Noranda, Quebec.
- Suspension of operations at Hoyle mine, Porcupine area, Ontario.
- Milling begins at Torbit Silver mine.
- Milling ceases at Thompson-Lundmark mine, Yellowknife, Northwest Territories.
- Operations begin, United Keno Hill silver mines, Galena Hill and Keno Hill, Elsa, Mayo district, Yukon.
- Destruction of mill, by fire, United Keno Hill, Yukon.
- Production of copper concentrates begins, Quemont mine, Quebec.
- First shipment of ore, Silver Basin mine.
- Production of indium by Cominco, Trail, British Columbia.
- Production of oil begins at Barrhead, Campbell, Excelsior, Golden Spike, Joseph Lake, Pincher Creek and Stettler, at Whitemud fields, Alberta.
- Production begins, Nor-Acme gold mine, Snow Lake, Manitoba.
- Development of Gray Rock lead-antimony deposit, Truax Creek, Bridge River area, British Columbia (mined until 1952).
- Closing of Simkar gold mine, Val-d'Or area, Quebec.
- Discovery of Normandville oil field, Peace River, Alberta.
- Production begins, McKim nickel-copper mine, Sudbury area, Ontario.
- Mining of gypsum begins, Windermere, British Columbia.
- Milling begins, Silver Miller cobalt-silver mine, Cobalt area, Ontario.
- Discoveries of specular hematite deposits, Carol Lake, Labrador.
- Proclamation of North Atlantic Treaty Organization (NATO).
- Production begins, Jersey zinc-lead mine, British Columbia.

1950

- Outbreak of the Korean War, June.
- Dominion Coal Company develops Dosco Continuous Miner to mechanize longwall mining, Nova Scotia.
- Tract of land optioned to Bethlehem Steel Corporation, Marmora, Ontario.

- Production begins, Canada Cement Lafarge limestone quarry, Havelock, New Brunswick. Production was reduced in 1983.
- Construction of railway from Sept-Îles to Quebec-Labrador hematite deposits begins.
- Completion of interprovincial pipeline from Edmonton, Alberta, to Superior, Wisconsin.
- Shipments of ilmenite begin from Allard Lake to Sorel, Quebec.
- Production ends, Jeep gold mine, Manitoba.
- Mining discontinued, Silver Mountain zinc-lead mine, Fort William area, Ontario.
- Discovery of zinc mineralization, Barraute Township, Quebec.
- Completion of highway linking Mayo, Yukon, with the Alaska Highway.
- Completion of road from St. Felicien to Chibougamau, Quebec.
- Staking of the Cassiar asbestos deposit, McDame Mountain, British Columbia.
- Discovery of uranium, Beaverlodge Lake, Saskatchewan.
- Milling begins, Consolidated Discovery mine, Yellowknife, Northwest Territories.
- Sink-float plant begins operation, Kootenay Belle mine, British Columbia.
- Milling begins, Moulton Hill mine, Lennoxville, Quebec.
- Milling of copper ore begins at Ryan Lake mine, Matachewan area, Ontario.
- Opening of Diplomat surface coal mine, Forestburg, Alberta.
- Production of silver ore at Cobalt Lode mine, Ontario.
- Milling begins, Highland Belle mine, British Columbia.
- Cobalt Chemical refinery destroyed by fire.
- Discovery of Acheson, Ellersie, and Spring Coulee oil fields, Alberta.
- Smelting of ilmenite ore begins at Québec Iron and Titanium, Sorel.
- Discoveries, by geophysical methods and diamond drilling, of new base-metal orebodies, Stirling, Cape Breton, Nova Scotia.
- Mining resumes, Emerald tungsten mine, British Columbia. This was the third of four periods of mining. It closed in 1958 and re-opened about 1971 (mined to about 1973). It was then known as the Canex mine.

1951

- Introduction of the UNIVAC I digital computer.
- Production begins, Sherritt Gordon's Lynn Lake mine, Manitoba.
- First airborne electromagnetic system developed, McPhar Geophysics, Toronto, Ontario.
- Production begins, zinc fuming and zinc oxide treatment plant, Flin Flon, Manitoba.
- Preparation for production of Barvue zinc-silver mine, western Quebec.
- Drilling of Fecunis Lake nickel-copper orebody, Levack area, Ontario.
- Beginning of construction, Kitimat Project, British Columbia.
- Preparation for production, Mindamar zinc-lead-copper deposit, Nova Scotia.
- Development of Errington underground iron mine, Steep Rock, Ontario.
- Staking of the Granduc copper deposit, Stewart, British Columbia.
- Closing of Central Patricia, Hard Rock, and Magnet Consolidated gold mines, Ontario.
- Completion of then world's longest underground conveyor belt, Wabana iron mine, Newfoundland.
- Production begins, Giant Mascot lead mines, Spillamacheen, British Columbia.
- Closing of Anglo-Rouyn and Perron gold mines, western Quebec.
- Production begins, Yale lead-zinc mine, Ainsworth, British Columbia.
- Mining begins at Gaspé Copper Mines, Murdochville, Quebec.
- Re-opening of Heva mine.

- Discovery of Don Jon orebody, through geophysics, Manitoba.
- Operations begin at new mill of Donalda mine.
- Resumption of milling, Castle-Trethewey mine.
- Milling begins, Maritimes Barytes, Nova Scotia.
- Milling begins, Doreen, Van Rai Consolidated, and Emerald Glacier mines.
- Milling of tungsten, by Tungsten Corporation, Slave Lake area.
- Discovery of Dodger and Feeney tungsten deposits, Salmo, British Columbia. These, and the nearby Emerald deposit, became one of the most important sources in the free world.
- Custom milling of silver-cobalt ore begins at United Cobalt.
- Production of oil at the Armena, Armisie, Bashaw, Big Valley, Bonnyville, Camrose, Duhamel, Glen Park, New Norway, and Wizard Lake new fields, Alberta.
- Exports of natural gas begin to Anaconda smelter, Butte, Montana, via Canadian-Montana Pipe Line.
- Production begins, Jumping Pound oil and gas fields, Calgary area, Alberta.
- Discovery of natural gas, Dawson Creek, British Columbia.
- Ore exhausted at Sherritt Gordon's Sherridon mine, Manitoba.
- First commercial oil well in the Williston Basin, the "California Standard Daly," near Virden, Manitoba. This marked the discovery of Manitoba's first major field, the Daly Field.
- Closing of Polaris-Taku gold mine, northern coast area, British Columbia.
- Operations begin at Ciment Québec, St-Basile, Portneuf County, Quebec.
- Development of the Cassiar asbestos deposit, McDame Mountain, British Columbia.

1952

- First modern acid leaching plant for uranium in North America, Eldorado, Port Radium, Northwest Territories (the process was developed by the Mines Branch, later CANMET, from 1932 on).
- Production begins at Barvue mine, Barraute Township, Quebec.
- Texaco-Bonnie Glen No. A-1 well results in discovery of oil in Bonnie Glen-Pigeon Lake area, Alberta.
- Production begins, New Ryan Lake copper mine, Matachewan, Ontario.
- Production begins, Prescott and Lake open-pit iron mines, Texada Island, British Columbia.
- Blowing in of new blast furnace and opening of four open-hearth furnaces, Steel Company of Canada, Hamilton, Ontario.
- Exploration and drilling of Rankin Inlet nickel deposit, Hudson Bay, Northwest Territories.
- Closing of Chesterville gold mine, Larder Lake area, Ontario.
- Construction begins, Trans Mountain oil pipeline, Edmonton, Alberta, to Vancouver, British Columbia.
- Alberta government grants Westcoast Transmission Company permission to export natural gas from Peace River area to Vancouver and on to Pacific-Northwest area of the United States.
- Production begins, Bonwhit and Hugh-Pam Porcupine gold mines, Porcupine area, Ontario.
- Discoveries of natural gas near Fort St. John and Buick Creek, Peace River area, British Columbia.
- Discoveries of natural gas, Gordondale and Rycroft, Peace River area, Alberta.
- Opening of new Dominion magnesium foundry, Haley Station, Ontario.
- Production begins, Bluebell lead-zinc mine, Kootenay Lake, British Columbia.
- Diamond drilling of Thye Lake nickel-copper deposit, Northwest Territories-Saskatchewan border.
- Closing of Negus gold mine, Yellowknife, Northwest Territories.

- Opening of Canadian Oil Companies refinery, Sarnia, Ontario.
- Production begins, Indian Mines lead-zinc mine, Portland Canal area, British Columbia.
- Drilling of Socony-Western Prairie Fosterton No.1 well results in first discovery of medium oil in Saskatchewan.
- Opening of McColl-Frontenac oil refinery, Edmonton, Alberta.
- Production begins, Silbak Premier lead-zinc mine, Portland Canal area, British Columbia.
- Closing of New Jason gold mine, Patricia area, Ontario.
- Staking of the Brunswick anomalies, Bathurst, New Brunswick.
- Exploration by United States Steel Company, Mount Wright, Quebec.
- Discovery of the uranium orebody subsequently mined by Gunnar, Beaverlodge, Saskatchewan.
- Sherritt Gordon decides to relocate new nickel refinery at Fort Saskatchewan, Alberta.
- Shipment of concentrates begins, Mindamar mine, Stirling, Nova Scotia.
- Closing of Cassumit mine.
- Closing of Hasaga mine, Red Lake area, Ontario (it produced for 14 years).
- Milling begins, New Ryan Lake mine, Matachewan, Ontario.
- Shipment of ore from Lardeau mine of B.C. Metal Mines.
- Shipment of concentrate from Matarrow mine, Matachewan area, Ontario.
- Milling begins, Bevcourt mine, Quebec.
- Shipments of ore from East Rim Nickel and Milnet mines to Falconbridge smelter, Ontario.
- Re-opening of Weedon copper-pyrite mine, Sherbrooke area, Quebec.
- Production begins, North Star Cement, Corner Brook, Newfoundland.
- Production begins, Canada Cement, Havelock, New Brunswick.
- Suspension of milling, Kootenay Belle mine, British Columbia.
- Shipments of concentrates from Barvue mine, Quebec.
- Entry of new oil fields in Saskatchewan: Buffalo-Coulee, Driver-Eureka, Eastend, Eatonia, Fosterton, Hoosier, and Wapella.
- Entry of new oil fields in Alberta: Bonny Glen, Malmo, North Big Valley, South Camrose, and Skaro.
- Discovery of Tilston, Waskada, Lulu Lake oil fields in Manitoba.
- Opening of Gaspé Copper mine, Murdochville, Quebec.
- Opening of Needle Mountain mine, Murdochville, Quebec.
- Production begins, mining of talus, Cassiar Asbestos, British Columbia.
- Opening of Caledonia Number 2 gypsum mine, Caledonia, Ontario. Number 1 opened in 1906.
- Development of gypsum deposits, Humbermouth, St. George's Bay area, Newfoundland.
- Beginning of Canadian television.
- Discovery of Brunswick, later Brunswick Number 6 deposit, Bathurst area, New Brunswick.

1953

- Discovery of New Larder "U," later Key Anacon, deposit, Bathurst area, New Brunswick. Minerals were first discovered in the area in 1864.
- Discovery of columbium and tantalum, Lake Nipissing, Ontario.
- Start-up of ferrosilicon plant by Dominion Magnesium, Beauharnois, Quebec.
- Discovery of Pembina oil field, southwest of Edmonton, Alberta. The largest discovery to that date.
- Production begins at Ace and Fay uranium mines, Beaverlodge, Saskatchewan.
- Completion of Alcan hydro-electric plants, Peribonka River, Quebec.
- Completion of driving of the Kemano tunnel, British Columbia.

- Suspension of operations, Moulton Hill copper mine, Lennoxville, Quebec.
- Exploration of nickel deposits, Mystery Lake, Manitoba.
- Production begins, Nickel Offsets nickel-copper mine, Renack, Ontario.
- Development of the Campbell Chibougamau mine and mill, Chibougamau, Quebec.
- Underground exploration at Birch Lake Copper and Coronation properties, Flin Flon, Manitoba.
- Production begins, Hogarth iron ore open pit, Steep Rock, Ontario.
- Operation of Mackeno custom mill for lead-zinc ores.
- Production begins, Opemiska Copper mine, Chibougamau Lake, Quebec.
- Mining ends, Errington iron ore open pit, Steep Rock, Ontario.
- Mining resumes at old Huntingdon copper mine, Eastman, Quebec.
- Completion of extension of interprovincial pipeline from Superior, Wisconsin, to Sarnia, Ontario.
- Canadian Industries Limited builds first Canadian polyethylene plant, Edmonton, Alberta.
- Discovery of Roselea oil field, Virden, Manitoba.
- Opening of Kilpatrick fluorspar mine, Madoc, Ontario.
- Development of Gaspé Copper installations, Murdochville, Quebec.
- Development begins, Rankin Inlet nickel mine, Hudson Bay, Northwest Territories.
- Shipments of concentrates from United Montauban mine, Quebec.
- Completion of Trans Mountain oil pipeline from Edmonton to Vancouver.
- Completion of railway to Lynn Lake, Manitoba.
- Discovery of Nigadoo deposit, Bathurst area, New Brunswick.
- Milling begins, Lynn Lake, Manitoba.
- Discovery of Blind River uranium deposits and staking at Elliot Lake, Ontario, uranium deposits.
- Discovery of the Geco and Willroy orebodies, Manitouwadge, Ontario.
- Sinking of a shaft begins at Rankin Inlet Nickel Mines Limited, Northwest Territories.
- Entry of new oil fields in Saskatchewan: Cantuar, Success, Gull Lake, Midale, Rapdan, Dollard, and Java.
- Entry of new oil fields in Alberta: Battle, Erskine, Fairydell, Morinville, and Samson.
- Discoveries of Virden and Whitewater oil fields, Manitoba.
- Discovery of base metals at Manitouwadge Lake, Ontario.
- Production of perlite begins in British Columbia.
- Mining begins, Les Mines Gallen, Lac Dufault, Quebec.
- Discovery of the Brunswick Number 12 orebody, Bathurst, New Brunswick.

1954

- Discovery of Cantung deposit, Tungsten, Northwest Territories.
- Production begins, Cassiar (McDame) asbestos mine, Cassiar, British Columbia.
- Production begins, Keymet lead-zinc mine, Bathurst, New Brunswick. The vein was discovered in the early 1880s.
- Production begins, East nickel-copper mine, Falconbridge, Ontario.
- Production begins, high-purity electrolytic cobalt, Inco refinery, Port Colborne, Ontario.
- Construction begins, Canadian National Railway line, Beattyville to Chibougamau, Quebec.
- Production begins, Mount Nickel mine, Blezard Township, Ontario.
- Completion of Quebec North Shore and Labrador Railway from Sept-Îles to Knob Lake, Quebec.
- Mining of iron ore begins, Ruth Lake Number 3 and Gagnon "C" mines, Labrador/Quebec.

- Milling begins, Jardun lead-zinc mine, Sault Ste. Marie, Ontario.
- Discovery of Frobisher light oil field, Saskatchewan.
- Production begins, Alcan smelter, Kitimat, British Columbia.
- Completion of Canada Cement plant, Villeneuve, Quebec.
- Development of gypsum deposit, Dutch Settlement, near Halifax, Nova Scotia.
- Opening of Noranda sulphur plant, Port Robinson, Ontario.
- Discoveries of copper-zinc orebodies, Corner Brook, Newfoundland.
- Discovery of nickel-copper orebodies at Moak Lake, Manitoba.
- Discoveries of lead-zinc deposits, Little River, Newcastle, New Brunswick.
- Construction of Canadian National and Canadian Pacific railway lines to Manitouwadge, Ontario.
- Pembina oil field becomes a major producer, Alberta.
- Production of iron oxide and sinter begins, Noranda plant, Port Robinson, Ontario.
- Production begins, EL and A mines, Lynn Lake, Manitoba.
- Discoveries of copper near Tashota and Temagami Lake, Ontario.
- Development of Brunswick orebodies begins, Bathurst, New Brunswick.
- Discoveries of gas at Red Creek, West Buick Creek, Montney, and Nig Creek, Peace River area, British Columbia.
- First indications of Mount Pleasant tungsten orebody, Fredericton area, New Brunswick.
- Production begins, Hardy nickel-copper mine, Onaping, Ontario.
- Completion of Canadian National Railway line from Kitimat to main line.
- Sherritt Gordon nickel refinery begins operating, Fort Saskatchewan, Alberta.
- Development of Longvac, Boundary, Fecunis Lake nickel-copper mines, Levack area, Ontario.
- Closing of Cuprus mine, Flin Flon area, Manitoba.
- Quebec Copper begins mining in Brome County, Quebec.
- Production begins, Schist Lake mine, Manitoba.
- Construction begins, Iron Ore Company of Canada ore transfer terminal, Contrecoeur, Quebec. It was needed before the St. Lawrence Seaway was opened.
- Start-up of nickel refinery, Sherritt Gordon Mines Limited, Fort Saskatchewan, Alberta.
- The first discovery of an orebody by airborne electromagnetic methods, Heath-Steele mine, Newcastle, New Brunswick.
- Opening of Cobalt Chemicals smelter, near Cobalt, Ontario.
- Discovery of Restigouche orebody, Bathurst-Newcastle area, New Brunswick.
- Milling begins at Quebec Copper.
- Shipments of cobalt concentrates begin, Roy Silver mine.
- Shipments of lead-zinc concentrates from Jardun mine.
- Start-up of Noranda's sulphur plant, near Welland, Ontario.
- Shipments of uranium ore from Rix Athabaska mine to Eldorado mill.
- Milling begins at Keymet mine.
- Milling begins, Gaspé Copper, Murdochville, Quebec.
- Production of oil begins, Leahurst field, Alberta.
- Entry of new oil fields in Saskatchewan: Alida, Frobisher, Instow, Marengo, North Premier, and Illerbrun.
- Discovery of Pierson oil field, Manitoba.
- Discovery of high-grade copper ore, Temagami district, Ontario.
- Discovery of crude oil at Quinn Number 9 wildcat well, Frobisher, Saskatchewan.
- Mining ends, Young-Davidson gold mine, Matachewan area, Ontario (it produced since 1934).

- First shipment of Labrador iron ore, July 31, from Sept-Îles, Quebec, to Philadelphia aboard the S.S. Hawaiian.

1955

- Opening of Unimin's nepheline syenite open pit, Methuen Township, Ontario.
- Production begins, Needle Mountain copper mine, Gaspé, Quebec.
- Milling begins at Campbell Chibougamau mine, Chibougamau, Quebec.
- Bethlehem Copper Corporation Limited acquires claims, Highland Valley, Ashcroft, British Columbia.
- Discovery of Caribou deposit, Bathurst area, New Brunswick.
- Discovery of Chester sulphide deposit, Newcastle area, New Brunswick.
- Gunnar Gold begins production of uranium, Beaverlodge Lake, Saskatchewan.
- Closing of Keymet mine, Bathurst area, New Brunswick. It was the first modern base- metal mine in the province.
- Production begins, Don Jon and North Star mines, Manitoba.
- Milling begins at Pronto Uranium, Blind River area, Ontario.
- Production begins, St. Lawrence Cement plant, near Quebec.
- Production begins, Forty-Four Mines.
- Shipments of ore from Consolidated Nicholson mine to Ace mill.
- Resumption of milling, Silver Standard mine, British Columbia.
- Shipments of ore from Temagami Mining.
- Production of rock salt begins, Ojibway, Ontario.
- Milling begins at Lacorne mine of Québec Lithium.
- Alberta government forms Alberta Gas Trunk Line Company (now Nova, An Alberta Corporation) to organize pipelines in the province.
- Opening of Geco mine, Manitouwadge, Ontario.
- Closing of Donalda gold mine, Rouyn-Noranda area, Quebec.
- Discovery of Halfmile Lake orebody, Bathurst area, New Brunswick.
- Discovery of West Butler oil field, Manitoba.
- Opening of Ojibway salt mine, Windsor, Ontario.
- Discovery of Murray Brook sulphide deposit, Bathurst area, New Brunswick.
- Discovery of Anaconda Caribou copper-lead-zinc-silver deposit, Bathurst area, New Brunswick.
- Production begins, French mine, Knob Lake area, Quebec.
- Development of Ferriman and Gill mines, Knob Lake area, Quebec.

1956

- Milling begins at Algom Uranium, Blind River area, Ontario.
- Discovery of Chisel Lake, Ghost Lake and Stall Lake orebodies, through geophysics, Manitoba.
- Discovery of Cominco's Wedge deposit, Bathurst area, New Brunswick.
- Formation of Wabush project to develop iron deposits in western Labrador.
- Discovery of Captain deposit, Bathurst area, New Brunswick.
- Closing of colliery, Luscar, Alberta.
- Shaft sinking begins, Moak Lake, Manitoba.
- Announcement of Thompson project by Inco and Province of Manitoba.
- Operations end at Powell Rouyn mine, Quebec.
- Milling resumes at Silver Standard mine, British Columbia.

- Milling ends at Starratt Olsen mine, Red Lake, Ontario.
- Closing of O'Brien gold mine, Kewagama, Quebec.
- Suspension of operations at Ascot Metals, Eastern Townships, Quebec.
- Destruction of Silbak Premier Mines mill, by fire, Stewart, British Columbia.
- Shipments of uranium ore by National Exploration to Eldorado mill.
- Production of nepheline syenite begins at International Minerals.
- Milling begins at Bicroft uranium mine.
- Entry of new oil fields in Saskatchewan: Alameda, Eastend, Gainsborough, Glen Ewen, Manor, Midway, Rapdan, Torquay, and Verlo.
- Discovery of High Lake copper-zinc-silver-gold deposit, Northwest Territories.
- Entry of new oil fields in Alberta: Bellshill Lake, Bentley and Harmattan-Elkton.
- Construction begins on gas pipeline from Alberta to Quebec.
- Operations end, Mindamar mine, Stirling, Cape Breton, Nova Scotia.
- Production begins, Joe Mann mine, Chibougamau, Quebec.
- Discovery of Stratmat 61 orebody, Newcastle area, New Brunswick.
- Operations begin, Canadian Rock Salt Company, Pugwash, Nova Scotia.
- Discovery of massive sulphide float above Murray Brook orebody, Bathurst area, New Brunswick.
- Production begins, Gill mine, Knob Lake area, Quebec.

1957

- Production begins, Rankin Inlet nickel mine, Quebec. This was the first truly Arctic mine in North America.
- Union Carbide Canada commences production of ethylene and polyethylene, Montréal-Est, Quebec.
- Discovery of the Craigmont orebody, Merritt, British Columbia.
- Introduction of the Alimak method of raising.
- Production begins at Geco and Willroy mines, Manitouwadge, Ontario.
- Incorporation of Québec Cartier Mining Company.
- Production begins, Birch Lake-Saskatchewan mine, Manitoba.
- Production begins at Faraday uranium mine, Bancroft, Ontario.
- Texas Gulf Sulphur stakes claims at Strathcona Sound, Baffin Island, Northwest Territories.
- Can-Met, Consolidated Denison, Northspan's Buckles and Nordic Lake mines begin production, Elliot Lake, Ontario. The Denison mine was the largest underground uranium mine in North America.
- Closing of Don Jon mine, Manitoba.
- Discovery of Norita zinc-copper deposit, Matagami, Quebec.
- Production begins, Heath Steele mine, Newcastle, New Brunswick. It ceased in 1958 and was re-opened in 1962.
- Discovery of Kirkella oil field, Manitoba.
- Production begins, Ferriman Number 1 mine, Knob Lake area, Quebec.
- Staking of Nanisivik mine claims, Strathcona Sound, Baffin Island, Northwest Territories.

1958

- Milliken, Stanleigh, Stanrock, Northspan's Panel, and Spanish-American mines begin production, Elliot Lake, Ontario.
- Development begins at Carol and Wabush Number 5 (later Smallwood) mines, Labrador City, Newfoundland.

- Potash Corporation of America begins potash mining, Saskatchewan.
- Production begins, Tanco mine, Manitoba.
- Algoma Ore Properties' Sir James mine begins production, Wawa, Ontario.
- Closing of North Star mine, Manitoba.
- Discovery of Asbestos Hill deposit, Ungava Peninsula, Quebec.
- Closing of Heath Steele mine due to low metal prices, Newcastle, New Brunswick.
- Discovery of lead-zinc-copper-silver ore under barite deposit, Magnet Cove Barium Corporation, Walton, Nova Scotia.
- Discovery of float and base-metal sulphides at Nashwaak (Sisson Brook) deposit, Fredericton area, New Brunswick.
- Opening of Patience Lake potash mine, Saskatchewan.
- Closing of Nor-Acme gold mine, Snow Lake, Manitoba.
- October 24, 74 miners die in Springhill mine disaster, Springhill, Nova Scotia.
- Discovery of Jungle Lake copper-zinc orebody, Manitoba.
- First report of Eqe Bay iron deposits, Baffin Island, Northwest Territories.
- Discovery of the Drumbo gypsum deposit, Woodstock/Kitchener area, Ontario.

1959

- Introduction of the Avro Arrow.
- Production begins, Kosko Creek mine, Campbell Chibougamau, Chibougamau, Quebec.
- Discovery of Portage Island copper-gold orebody, Chibougamau, Quebec.
- Production begins, Deer Horn mine, Cobalt, Ontario.
- Production ends, Belleterre Québec gold mine.
- Mobil Oil conducts air magnetometer survey of Sable Island area, Nova Scotia.
- Re-opening of Norlartic Alaska (formerly Obaska Lake) and Marban (formerly Marbenor) gold mines, northwestern Quebec.
- Opening of Sifto Salt's Goderich mine, Goderich, Ontario.
- Québec Cartier Mining begins production, Lac-Jeannine.
- Discovery of Rod No. 1 orebody, Manitoba.
- Alwinsal Potash drills near Lanigan, Saskatchewan.
- Mining begins, Copper Rand gold-copper mine, Chibougamau, Quebec.
- Spectacular discovery of gold at Opemiska Explorers precipitates a staking rush to the area, northwestern Quebec.
- Underground exploration begins, Mount Pleasant tungsten orebody, Fredericton area, New Brunswick.
- Completion of St. Lawrence Seaway.
- Québec Cartier constructs: largest concentrator in the world; three open pits at Lac Jeannine; hydro-electric plant on Hart-Jaune River; sea port at Port-Cartier; towns of Port-Cartier and Gagnon.
- Canadian Johns-Manville decides to return to mining Jeffrey mine by open-pit methods.
- Great Whale Iron explores iron deposits in Great Whale River area east of Hudson Bay, Quebec.
- Murray Mining discovers asbestos deposit near Watts Lake, New Quebec.

1960

- Passage of Canadian Bill of Rights by Parliament.
- The "Quiet Revolution" begins in Quebec.
- Discovery of the Coates Lake copper-silver deposit, Mackenzie Mountains, Northwest Territories.

- Caland Ore Company begins production, Atikokan, Ontario.
- Closing of Birch Lake-Saskatchewan mine, Manitoba.
- Opening of Costello coal mine, Estevan, Saskatchewan.
- Completion of railroad from Chisel Lake to Optic Lake, Manitoba.
- Production begins, Wishart mine, Schefferville area, Quebec.
- Completion of railroad from main line of Quebec North Shore and Labrador to Labrador City, Newfoundland.
- Closing of coal mine at Foothills, Alberta. The last of the "Coal Branch."
- Production begins, Chisel Lake mine, Snow Lake, Manitoba.
- Production begins, H.G. Young Mine, Red Lake, Ontario.
- Algom Quirke, Can-Met, Stanleigh, and Lacnor mines close, Elliot Lake, Ontario.
- Opening of George W. MacLeod iron mine, Wawa, Ontario.
- Reactivation of Heath Steele mine, Newcastle, New Brunswick.
- Québec Cartier Mining begins exploration of the Mont-Wright deposit.
- Opening of the Copper Rand mine, Chibougamau, Quebec.
- Blowing in of Inco's smelter, Thompson, Manitoba.
- Discovery of Canoe Landing Lake orebody, Bathurst area, New Brunswick.
- Opening of the Portage gold-copper mine, Chibougamau, Quebec.

1961

- Introduction of Medicare.
- Discovery of Eclipse lead-zinc deposit, Little Cornwallis Island, Northwest Territories.
- Discovery of the Crest iron ore deposit, Iron Creek area, Snake River area, Northwest Territories/Yukon border area.
- Formation of CIM's Mechanical-Electrical Division. It became the Maintenance/Engineering Division in 1984.
- Discovery of iron deposits, Baffin Island, Northwest Territories.
- Discovery of Cullaton Lake gold deposit, Northwest Territories.
- Production begins, Clarabelle pit, Inco, Sudbury, Ontario.
- Production begins, Kam-Kotia mine, Timmins area, Ontario.
- Production begins, Québec Cartier, Lac Jeannine, Quebec.
- Airborne geophysical survey results in discovery of Fox mine orebody, Manitoba.
- Construction begins, Town of Wabush, Labrador, and harbour facilities, Pointe-Noire, Quebec.
- Production begins, Craigmont mine, Merritt, British Columbia.
- Milling of base metals begins at mine, later known as Dresser Minerals, Walton, Nova Scotia. The mine continued until 1974.
- Production begins, Onaping mine, Onaping area, Ontario.
- Mining begins, St. Lawrence Columbium, Oka, Quebec.

1962

- Discovery of Souris-Hartney oil field, Manitoba.
- Discovery of the Mactung tungsten deposit, the largest in North America, Macmillan Pass, Yukon/Northwest Territories border.
- Opening of Benson Lake copper mine, Port Alice, Vancouver Island, British Columbia.
- Mining begins, Marbridge nickel mine.
- Generation of power for Carol and Wabush projects begins, Twin Falls, Unknown River, Labrador.

- Discovery of Mactung tungsten deposit, Yukon/Northwest Territories border.
- Mining begins, Solbec copper-zinc-lead mine, Stratford Township, Eastern Townships, Quebec.
- Waterflooding initiated in Virden oil field, Manitoba.
- Development begins, Lake Dufault copper-zinc mine, Dufresnoy Township, Quebec.
- International Minerals and Chemical Corporation (Canada) Limited completes shaft at K-1 mine, Esterhazy, Saskatchewan (became the world's largest potash mine).
- Production begins, Cominco's Wedge mine, near Newcastle, New Brunswick. The orebody was depleted in 1968.
- Discovery of new orebody at Kiena Gold mines, Dubuisson Township, Quebec.
- Production begins, Rod No. 1 mine, Manitoba.
- Production begins, Smallwood (Wabush Number 5) mine, Carol Lake, Labrador.
- Opening of Whitewood strip mine for coal, Wabamun area, Alberta.
- Discovery of Wim deposit, Manitoba.
- Discovery of Mary River iron ore deposit, Pond Inlet area, Baffin Island, Northwest Territories.
- Cuban Missile Crisis, October.
- Open-pit mining begins, Cantung tungsten deposit, Yukon/Northwest Territories border.
- Construction begins, zinc refinery, Valleyfield, Quebec.
- Shaft sinking begins at New Hosco and Orchan copper-zinc mines, Abitibi East County, Quebec.
- Mining ends, Les Mines Gallen, Lac Dufault, Quebec.
- Operations begin, Bethlehem Copper, Highland Valley, British Columbia.
- Closing of Rankin Inlet nickel mine, Quebec.
- Construction begins, Iron Ore Company of Canada pelletizing plant, Labrador City, Newfoundland and Labrador.
- Discovery of the Musselwhite gold orebody, Thunder Bay area, Ontario.
- Production begins, Heath Steele mine, Bathurst area, New Brunswick.

1963

- Discovery of strontium deposit near Loch Lomond, Nova Scotia.
- Discovery of the Kidd Creek orebody, by airborne and ground geophysical methods, Timmins, Ontario.
- Mosher Limestone begins production, Irish Cove, Cape Breton, Nova Scotia.
- Establishment of Noranda Technology Centre, Pointe-Claire, Quebec.
- Shell Oil licenses about 20 million acres in the Sable Island area, Nova Scotia.
- Discovery of the Birchtree deposit, Thompson, Manitoba.
- Production begins, Canadian Electrolytic Zinc refinery, Valleyfield, Quebec.
- Discovery of the Anderson Lake deposit, Snow Lake, Manitoba.
- Production begins, Iron Ore Company of Canada pelletizing plant, Labrador City, Newfoundland and Labrador.
- Discovery of the Manibridge orebody, Manitoba.
- Raglan Nickel Mines explores and drills nickel deposit at Cross Lake, Cape Smith area, New Quebec.
- Discovery of Coronation Gulf (Arcadia Bay) gold deposits, Northwest Territories.
- Development begins, Cupra copper-zinc mine, Stratford Township, Eastern Townships, Quebec.
- Discovery of Pistol Lake gold deposit, Northwest Territories.
- Production begins, Matagami Lake zinc-copper mine, Matagami, Quebec.

1964

- Columbia River Treaty.
- Closing of the Rod Number 1 mine, Manitoba.
- Production begins, Ming gold-copper mine, Baie Verte, Newfoundland.
- Kalium Chemicals Limited opens world's first solution mine for potash, Regina, Saskatchewan.
- Opening of Stall Lake mine, Snow Lake, Manitoba.
- Mining begins, Pine Point lead-zinc mine, Hay River area, Northwest Territories.
- Production begins, Canada Cement limestone quarry, Brookfield, Colchester County, Nova Scotia.
- Great Canadian Oil Sands project born, Fort McMurray, Alberta.
- Discovery of molybdenite at Mariner Mines copper property, Coxheath, Cape Breton, Nova Scotia.
- Production begins, Brunswick Number 12 mine, Bathurst, New Brunswick.
- Construction begins, lead-zinc smelter, Belledune, New Brunswick.
- Development of the Birchtree mine, Manitoba.
- Completion of railroad to Pine Point, Northwest Territories.
- Mining begins, Pine Point lead-zinc mine, Great Slave Lake, near Hay River, Northwest Territories.

1965

- Production begins, Falconbridge's North mine, Sudbury area, Ontario.
- Production begins, Adams mine, Jones and Laughlin Steel Corporation, Kirkland Lake area, Ontario.
- Introduction of Canadian flag, February 15.
- Production begins, Saskatoon potash mine, Patience Lake, Saskatchewan.
- Development begins, Consolidated Rambler copper mine, Baie Verte, Newfoundland.
- Completion of Trans-Canada Highway.
- Opening of the Kidd Creek zinc-copper-silver mine, Timmins, Ontario.
- End of coal mining, Lethbridge area, Alberta.
- Production begins, Willecho mine, Manitouwadge, Ontario.
- Opening of Endako molybdenum mine, Endako, British Columbia.
- Opening of Scully iron mine, Wabush, Newfoundland.
- Discovery of the Rod No. 2 orebody, Manitoba.
- Development of the Soab mine, Manitoba.
- Opening of Camflo gold mine, Malartic area, Quebec.

1966

- First exploratory drilling for oil on on-shore area of Hudson Bay, Manitoba.
- Production begins at limestone quarry, Southside Antigonish Harbour, Nova Scotia.
- Production begins, Canadian Jamieson mine, Timmins area, Ontario.
- Production begins, MacLennon and Totten mines, Inco, Sudbury area, Ontario.
- Production begins, Kidd Creek Mines, Texas Gulf Sulphur Company, Timmins, Ontario.
- Production begins, Balmer North Colliery, Sparwood, British Columbia.
- Opening of HW mine, Myra Falls, near Campbell River, British Columbia.
- Formation of Cape Breton Development Corporation to revitalize mining in the Sydney coal field, Nova Scotia.
- Closing of Wabana iron mine, Bell Island, Newfoundland.

- Production begins, Brunswick Number 6 open-pit mine, Bathurst area, New Brunswick. It operated until 1983.

1967

- Centennial of Canadian Confederation.
- EXPO 67, Montréal.
- Milling begins, Utica silver mine, Keremeos, British Columbia.
- Discovery of new Mississippian pool at Waskada oil field, Manitoba.
- End of coal mining, Comox area, British Columbia.
- Opening of Western Mines copper-lead-zinc-gold-silver mine, Battle Lake, Vancouver Island, British Columbia.
- Discovery of Turner Lake gold deposit, Bathurst Inlet area, Northwest Territories.
- Production begins, East mine, Consolidated Ramblere, Baie Verte, Newfoundland.
- Opening of Bernic Lake tantalum mine, Lac du Bonnet, Manitoba.
- Inco opens Crean Hill pit, Sudbury area, Ontario.
- Mobil Oil drills exploration well C-67, Sable Island, Nova Scotia.
- Rio Algom re-opens Quirke mine, Elliot Lake, Ontario.
- Exploration for oil and gas, Beaufort Sea, Arctic Ocean.
- Discovery of the Athabaska uranium district, Saskatchewan.
- Great Canadian Oil Sands (now Suncor) plant comes on stream, Fort McMurray, Alberta (the world's first commercial-scale oil sands plant).
- Completion of railroad from Osborne Lake mine to Stall Lake mine, Manitoba.
- International Minerals and Chemical Corporation's Number 2 potash mine opens, Esterhazy, Saskatchewan.
- Exploration of Wreck Lake copper deposit, Kugluktuk area, Northwest Territories.
- Completion of Alwinsal Potash shaft through the Blairmore formation (by freezing), Lanigan, Saskatchewan.
- Establishment of PanArctic Oils to explore for gas and oil in the Arctic islands.
- Production begins, lead-zinc smelter, Belledune, New Brunswick.
- Development begins, Churchill (Grand) Falls hydro-electric project, Labrador.

1968

- Opening of Griffith iron mine, Red Lake, Ontario.
- Beginning of work, Churchill Falls Project, Labrador.
- Completion of railroad from Pipe Lake to Thompson, Manitoba.
- Discovery of Rabbit Lake uranium deposit, Saskatchewan.
- Production begins, Sherman mine, Temagami, Ontario.
- Completion of the 11.6-mile-long Granduc haulage tunnel, Stewart Lake, British Columbia.
- Closing of the Hollinger mine, Timmins, Ontario.
- Opening of the Allan potash mine, Allan, Saskatchewan.
- Opening of the Cory potash mine, Saskatoon, Saskatchewan.
- Opening of the Lanigan potash mine, Lanigan, Saskatchewan.
- Opening of Rio Algom's New Quirke mine, Elliot Lake, Ontario.
- Production begins, Lucy Pit, Algoma Ore properties, Wawa, Ontario.
- Production begins, Strathcona and Longvack mines, Falconbridge Nickel Mines, Onaping area, Ontario.
- Cape Breton Development Corporation takes over operations of remaining mines in Sydney coal field, Nova Scotia.

- Production begins, Copper Mountain mine, Murdochville, Quebec.
- Closing of the San Antonio mine, Manitoba.
- Production begins, Osborne mine, Manitoba.
- Discovery of Howard's Pass (XY deposit), zinc-lead deposit, Northwest Territories/Yukon border.
- Opening of Alwinsal Potash mine, Lanigan, Saskatchewan.
- Closing of Cominco's Wedge mine, Bathurst area, New Brunswick.
- Production begins, Nigadoo zinc-lead-copper mine, Bathurst area, New Brunswick. It closed in 1977.

1969

- Development begins, Lornex mine, Highland Valley, British Columbia.
- Inco completes deepest shaft in the Western Hemisphere, Creighton Number 9, 7137 ft.
- Production begins, Havelock Lime Works limestone quarry, Samphill, New Brunswick.
- Discovery of zinc-silver-copper-gold-lead mineralized belt, Hackett River, Lupin mine area, Northwest Territories.
- Drilling of first offshore well in Hudson Bay, Manitoba (a dry hole).
- Development of Lingan Colliery begins, Cape Breton, Nova Scotia.
- Discovery of the Ruttan orebody, Leaf Rapids, Manitoba.
- Opening of McIntyre Colliery, Smoky River, Grande Cache, Alberta.
- Discoveries of Reed Lake and Centennial copper deposits, Manitoba.
- Production begins, Renzy copper-nickel mine, Hainault Township, Quebec.
- Production begins, Birchtree mine, Thompson, Manitoba.
- Opening of Flexar-Saskatchewan mine, Manitoba.
- Opening of Dumbarton mine, Manitoba.
- Development of Pipe Nos. 1 and 2 open pits, Manitoba.
- Production of iron powder begins at Québec Metal Powders, Sorel.
- Production begins, Granduc mine, Stewart, British Columbia.
- Production begins, Vanscoy potash mine, Vanscoy, Saskatchewan.
- Opening of Hedman hedmanite mines, Warden and Munro townships, Ontario.
- Production begins, Brenda copper-molybdenum mine, Peachland, British Columbia.
- Discovery of uranium orebody, Wollaston Lake, Saskatchewan. It became the Rabbit Lake mine.
- Discovery of the Gibraltar copper-molybdenum orebody, McLeese Lake area, British Columbia.
- Discovery of Mattabi zinc-copper-silver orebody, Sturgeon Lake, near Ignace, Ontario.
- Discovery, using geochemistry, of Northair gold-silver deposit, about 110 km north of Vancouver, British Columbia.
- On July 20, two American astronauts become the first persons in history to set foot on the moon.
- Construction of mill, Anaconda Caribou deposit, New Brunswick.

1970

- FLQ Crisis, Quebec.
- Completion of the Trans-Canada Highway, Rogers Pass, British Columbia.
- Opening of Badgeley Island silica quarry, Midland, Ontario.
- Production begins, Anderson Lake mine, Snow Lake, Manitoba.
- Inco opens Copper Cliff South, Ellen Pit No. 2, Kirkwood and Kirkwood Pit mines, Sudbury area, Ontario.

- Closing of Rio Algom's Nordic mine, Elliot Lake, Ontario.
- Construction begins, Mont-Wright mine and town of Fermont, Quebec.
- Production begins, Rocanville potash mine, Rocanville, Saskatchewan.
- Production begins, Soab North mine, Thompson, Manitoba.
- Development begins, McCreedy West mine, Sudbury area, Ontario.
- Production begins, Balmer coal mine, Sparwood, British Columbia.
- Drilling of McKenzie Gulch copper-silver orebody, Campbellton area, New Brunswick.
- Production begins, Harmer coal mine, Sparwood, British Columbia.
- Development of Soab South mine, Thompson, Manitoba.
- Opening of McIntyre Number 5 underground coal mine, Smoky River, Grande Cache, Alberta.
- Staking of Thor Lake beryllium-zirconium deposit, southeast of Yellowknife, Northwest Territories.
- Opening of Cardinal River Coal's Luscar mine, Alberta.
- Production begins, Fox copper-zinc mine, Lynn Lake, Manitoba.
- Production begins, Dickstone mine, Manitoba.
- Opening of Yarrow Township barite mine, Matachewan, Ontario.

1971

- Discovery of potash mineralization, Sussex, New Brunswick.
- Opening of Robin Red Lake gold mine, Dickenson Mines, Balmerton, Ontario.
- Opening of Harrison Drilling and Exploration copper mine, Matheson, Ontario.
- Closing of Number 12 Colliery, New Waterford, Nova Scotia.
- Opening of Coleman and Little Stobie nickel-copper mines, Sudbury area, Ontario.
- Opening of South Bay copper-zinc-silver-mine, Confederation Lake, Ontario.
- Production begins, Pipe Nos. 1 and 2 open pits, Thompson, Manitoba.
- Suspension of operations, Nipissing 407, Bailey, Penn Canadian, Deer Horn and Patricia Silver silver mines, Cobalt area, Ontario.
- Opening of McIntyre Number 8 open-pit coal mine, Smoky River, Grande Cache area, Alberta.
- Suspension of mining, Annco, Cochenour Willans and Wilmar gold mines, Couchenour area, Ontario.
- Production begins, Manibridge mine, Manitoba.
- Production of strontium carbonates begins, by Kaiser Celestite, near Loch Lomond, Nova Scotia. The mine closed in 1975.
- Suspension of mining, Big Nama Creek copper-lead-silver-zinc mine, Manitouwadge, Ontario.
- Suspension of mining, Canadian Jamieson copper mine, Timmins, Ontario.
- Opening of McIntyre Number 2 underground coal mine, Grande Cache, Alberta.
- Suspension of mining, Crean Hill Pit and Ellen Pit No. 2, Murray mine, Sudbury area, Ontario.
- Suspension of mining, Rio Algom Mines, Quirke No. 1 mine, Elliot Lake area, Ontario.
- Closing of Number 20 Colliery, Glace Bay, Nova Scotia.
- Texasgulf and Robbins introduce rotary drilling for large-diameter blasthole stoping at Kidd Creek mine, Timmins, Ontario.
- Production begins, Island Copper mine, Port Hardy, British Columbia.
- Production begins, Highvale coal mine, Lake Wabamun area, Alberta. This was Canada's largest coal mine.
- Suspension of mining, Upper Canada gold mine, Dobie, Ontario.
- Development of the Lockerby mine, Sudbury area, Ontario.
- Completion of Inco's Clarabelle mill, Sudbury, Ontario.

- Production begins, Consolidated Durham Mines and Resources antimony mine, Lake George, Fredericton area, New Brunswick. Discovered in 1864, there had been a century of intermittent production. It closed in 1981 and was redeveloped in 1984. This was Canada's only antimony mine and was also the largest in North America.

1972

- Production ends, Renzy copper-nickel mine, Hainault Township, Quebec.
- Production begins, P.J. Allard Explorations copper mine, Iron Bridge, Ontario.
- Production begins, Fording River coal operations, East Kootenays, British Columbia.
- Production begins, Batchawana iron mine, Batchawna Bay, Ontario.
- Opening of Lingan Colliery, New Waterford, Nova Scotia.
- Production begins, Shebandowan nickel-copper mine, Shebandowan, Ontario.
- Opening of Bell copper mine, Babine Lake, Granisle, British Columbia.
- Production begins, Mattabi copper-zinc-lead-silver mine, Sturgeon Lake, Ontario.
- Launching of Earth Resources Technology Satellite, ERTS, United States.
- Mining suspended, Nipissing 96 mine, Agnico-Eagle Mines, Cobalt, Ontario.
- Operations suspended, Werner Lake nickel-copper mine, Werner Lake, Ontario.
- Afton Mines Limited discovers copper deposit, Kamloops, British Columbia.
- Mining suspended, Copperfields copper mine, Temagami, Ontario.
- Completion of Inco's 1250-foot "Super-Stack," the highest in the world, Copper Cliff, Ontario.
- Operations suspended, Potter copper mine, Matheson, Ontario.
- Opening of Gibraltar copper-molybdenum mine, McLeese Lake area, British Columbia.
- Operations suspended, Crean Hill mine, Kirkwood pit, Maclennan and Totten mines, Sudbury area, Ontario.
- Drilling of first offshore well in New Brunswick at The Wolves, Bay of Fundy.
- Operations suspended, Kam-Kotia copper mine, Timmins, Ontario.
- Operations suspended, Texmont nickel project, Timmins area, Ontario.
- Operations suspended, Siscoe Metals silver-cobalt mine, Gowganda, Ontario.
- Opening of Silvana mine, New Denver, British Columbia.
- Production begins, White Lake mine, Manitoba.
- Production begins, Mattabi mine, Ignace, Ontario.
- Operations suspended, Upper Beaver copper-gold mine, Dobie, Ontario.
- Mining begins, Asbestos Hill, Deception Bay, Ungava Peninsula, New Quebec.
- Production begins, Ghost mine, Manitoba.
- Strip mining replaces underground mining, Minto-Chipman coal field, New Brunswick. The area was mined for about 350 years.
- Closing of Flexar-Saskatchewan mine, Manitoba.

1973

- Opening of Canada Cement Lafarge quarry, Bath, Ontario.
- Production begins, Victoria nickel-copper mine, Sudbury area, Ontario.
- Production begins, Boundary Dam coal mine, Estevan, Saskatchewan.
- Production begins, Kanichee Mining copper-nickel mine, Temagami, Ontario.
- Production begins, Lynx-Canada Explorations zinc mine, Parham, Ontario. This old mine, in Frontenac County, was once known as the Long Lake mine.
- Opening of Maybrun copper mine, Atikwa Lake, Ontario.
- War between Egypt and Israel erupts, tensions in the Middle East.

- Mining begins, Nemegos iron mine, Chapleau, Ontario.
- Operations suspended, Boundary nickel-copper mine, Onaping area, Ontario.
- Mining suspended, Murray mine, Sudbury area, Ontario.
- Arab embargo on export of oil precipitates "Energy Crisis."
- Federal government introduces controls on oil and gas prices.
- Discovery of the Denison-Potacan orebody, Sussex area, New Brunswick.
- Production begins, Ruttan mine, Leaf Rapids, Manitoba.
- Construction begins, Syncrude Mildred Lake operations, Fort McMurray, Alberta, $2.3 billion project.

1974

- Development begins, Newfoundland Zinc, Daniel's Harbour, Newfoundland.
- Mining begins, Falconbridge Copper copper-zinc-lead-silver mine, Sturgeon Lake, Ontario.
- Mining resumes, Hollinger gold mine, Timmins, Ontario.
- Discovery of Cash copper-molybdenum deposit, Carmacks district, British Columbia.
- Mining resumes, Crean Hill nickel-copper mine, Sudbury area, Ontario.
- Production begins, Eagle mine, Joutel, Quebec.
- Operations begin, Levack West nickel-copper mine, Levack area, Ontario.
- Mining begins, Langmuir nickel-copper mine, South Porcupine, Ontario.
- Mining begins, Pamour Porcupine gold mine, South Porcupine, Ontario.
- Operations end, Dresser Minerals, Walton, Nova Scotia.
- Mining resumes, Hallnor gold mine, South Porcupine, Ontario.
- Closing of Dumbarton mine, Manitoba.
- Mining suspended, Lynx-Canada Explorations zinc mine, Parham, Ontario.
- Opening of McCreedy West nickel-copper mine, Sudbury area, Ontario.
- Mining begins, Byron Creek Collieries, Corbin, British Columbia.
- Opening of McIntyre Number 9 underground coal mine, Smoky River, Grande Cache, Alberta.
- Mining suspended, Tribag copper mine, Batchawana Bay, Ontario.
- Production from Maskwa open pit, Manitoba.
- Production begins, Cantung underground tungsten mine, E-zone, Flat River area, Northwest Territories.
- Introduction of *Foreign Investment Review Act.*
- Discovery of Kiggavik uranium deposit, Baker Lake area, Northwest Territories.
- Staking of radioactive anomalies, Mazenod Lake area, Northwest Territories.
- Discovery of the Izok zinc-copper-silver-lead deposit, Lupin mine area, Northwest Territories.
- Discovery of the Detour Lake gold orebody, Timmins area, Ontario.

1975

- Introduction of Noranda continuous smelting process, Horne smelter, Noranda, Quebec.
- Canada's largest blast furnace blown in, Algoma Steel, Sault Ste. Marie, Ontario.
- Development of Bass River silica deposit to provide flux to Brunswick smelter, New Brunswick.
- Establishment of Petro-Canada.
- Closing of Princess Colliery, Sydney Mines, Nova Scotia.
- Discovery of coal at Lake Stream, New Brunswick. This was the first significant find since 1848.
- Opening of Prince Colliery, Point Aconi, Nova Scotia.

- Opening of the Rabbit Lake uranium mine, as a fly-in operation, Saskatchewan.
- Formation of Alberta Energy Company.
- Production begins, Québec Cartier mine, Mount Wright, Quebec.
- Closing of Dickstone mine, Manitoba.
- Discovery of Millstream potash deposit, Sussex area, New Brunswick.
- Closing of Maskwa mine, Manitoba.
- Discovery of Great Slave Reef lead-zinc deposit, Hay River area, Northwest Territories. The deposit was the western extension to Pine Point.

1976

- Milling begins, Norita zinc-copper mine, Isle Dieu Township, Quebec.
- Closing of Schist Lake and Lynn Lake mines, Manitoba.
- Production begins, Nanisivik mine, Strathcona Sound, Baffin Island, Northwest Territories.
- Production begins, Chaleur Silica mine, Bathurst, New Brunswick.
- Mining begins, Cardinal River Coal, Hinton, Alberta.
- Opening of Victoria Junction coal preparation plant, Sydney, Nova Scotia.
- Sidbec-Normines begins production, Fire Lake, Quebec.
- Discovery of mineralized boulders containing tin, Plymouth, Nova Scotia.
- Production begins, Niobec niobium mine, Chicoutimi area, Quebec.

1977

- Québec Cartier ceases mining at Lac-Jeannine.
- Opening of Afton mine, Kamloops, British Columbia.
- Closing of Nigadoo zinc-lead-copper mine, Bathurst area, New Brunswick.
- Closing of Texada mine, British Columbia.
- Opening of Lockerby nickel-copper mine, Sudbury area, Ontario.
- Closing of Granduc mine, British Columbia (re-opened 1981).
- Closing of Granby's Phoenix mine, British Columbia.
- Closing of Cominco's HB mine, British Columbia.
- Opening of Tatlock calcite quarry, Tatlock, Ontario.
- Closing of Manibridge mine, Manitoba.
- Planning begins for town of Tumbler Ridge to serve coal developments in northeastern British Columbia.
- Suspension of mining, Birchtree and Pipe No. 2 mines, Thompson, Manitoba.
- Sidbec Normines buys Fire Lake mine and Gagnon facilities from Québec Cartier, Quebec.

1978

- Discovery of Captain North Extension deposit, CNE, Bathurst area, New Brunswick.
- Opening of Penhorwood talc mine, Penhorwood Township, Ontario.
- Operations begin, Syncrude, Fort McMurray, Alberta.
- Production begins, Westarm mine, Manitoba.
- Mining begins, Afton Mines, Ajax, Crescent and Pothook pits, Kamloops area, British Columbia.
- Mining begins, copper zone, Strathcona nickel-copper mine, Levack, Ontario.
- Afton Mines starts up rotary converter for copper, Kamloops, British Columbia.
- New bulk terminal for coal becomes operational, Thunder Bay, Ontario.
- Opening of Erickson mine, British Columbia.

- Opening of Drumbo gypsum mine, Clarkson, Ontario.
- Resumption of mining, White Lake mine, Manitoba.
- First unit train from the Coal Valley mine, south of Edson, Alberta.
- Production begins, Lost Lake mine, Manitoba.
- Production begins, Beaver-Temiskaming mine, Cobalt area, Ontario.
- Development begins, Spruce Point mine, Manitoba.

1979

- Discoveries of McClean North and South uranium deposits, Athabaska region, northern Saskatchewan.
- Production begins, Canada Wide Mines, Gays River, Nova Scotia.
- Opening of Gays River zinc-lead mine, Gays River, Nova Scotia.
- Production begins, Yava mine, Salmon River area, Cape Breton, Nova Scotia.
- Discovery of large low-grade tin deposit, East Kemptville, Yarmouth County, Nova Scotia.
- Production begins, Bousquet Number 1 gold mine, Bousquet Township, Quebec.
- Re-opening of barite mine by Nystone Chemicals, Brookfield, Nova Scotia.
- Milling begins, Snow Lake, Manitoba.
- End of coal mining, Canmore, Alberta (began 1886).
- Closing of Star Key Colliery, Edmonton area, Alberta (opened 1945).
- Centennial mine closes because of bulkhead failure, Manitoba.

1980

- Mining begins, Doyon gold mine, Cadillac area, Quebec.
- Closing of River Hebert/Cochrane coal mine, Nova Scotia.
- Mining begins, Cluff Lake uranium mine, northern Saskatchewan.
- Opening of Equity Silver mine, Houston, British Columbia.
- Resumption of production, Centennial mine, Manitoba.
- Opening of Point Aconi Colliery, Nova Scotia.
- Successful recompletion of a producing well in Manitoba's Waskada Field. This was the first production recorded in Canada from the Jurassic Aramanth, or Spearfish, formation. This triggered Manitoba's second oil boom.
- Development of Highmont copper mine, Highland Valley, British Columbia.
- Closing of Coleman Collieries, Coleman, Alberta.
- Production begins, Poplar River coal mine, Coronach, Saskatchewan.
- Mining resumes, Les Mine Gallen, Lac Dufault, Quebec.
- Production begins at Iron Ore Company of Canada pelletizing plant to treat ores from Schefferville, Sept-Îles, Quebec.

1981

- Production begins, Kiena gold mine, Val-d'Or, Quebec.
- Open-pit mining begins, Owl Creek gold mine, Timmins, Ontario.
- Production begins, Fraser mine, Onaping area, Ontario.
- Discovery of Ansil copper-zinc-silver-gold orebody, Rouyn-Noranda area, Quebec.
- Opening of Dumont gold mine, Val-d'Or area, Quebec.
- Opening of Baker mine, British Columbia.
- Opening of Paintearth coal mine, Forestburg, Alberta.
- Operations closed, Canada Wide Mines, Gays River, Nova Scotia.

- Production ends, Yava mine, Salmon River area, Cape Breton, Nova Scotia.
- Opening of Federber gold mine, Val-d'Or area, Quebec.
- Discovery of Gondor zinc-silver-copper-lead deposit, Lupin mine area, Northwest Territories.
- Re-opening of Granduc mine, British Columbia.
- Opening of Highland Valley Copper mine, British Columbia.
- Production begins, Malartic/Barrick gold mine (down-dip extension of Camflo mine), Val-d'Or, Quebec.
- Mining begins, Cullaton Lake/Shear Lake gold mines, Northwest Territories.
- Discovery of uranium orebody, Cigar Lake, Athabaska region, northern Saskatchewan.
- Mining begins, Kitsault molybdenum mine, Alice Arm, British Columbia.
- Development of Genessee coal mine, Edmonton area, Alberta.
- Closing of Consolidated Durham Mines and Resources antimony mine, Lake George, New Brunswick. It was redeveloped in 1984.
- Production begins, Polaris mine, Little Cornwallis Island, Northwest Territories.

1982

- Canadian Constitution and Charter of Rights.
- Mining begins, Trout Lake mine, Flin Flon, Manitoba.
- Initial tunneling into Donkin-Morien coal mine, Sydney area, Nova Scotia.
- Suspension of mining, Bernic Lake tantalum mine, Manitoba.
- Opening of Fording Coal's Greenhills Mine, British Columbia.
- Discovery of George Lake gold deposit, Lupin mine area, Northwest Territories.
- Closing of Jersey Pit, Bethlehem Copper, Highland Valley, British Columbia.
- Opening of Ladner Creek mine, British Columbia.
- Closing of Gays River zinc-lead mine, Gays River, Nova Scotia.
- Closing of Northair mine, British Columbia.
- Closing of Iron Ore Company of Canada operations at Schefferville, Quebec.
- Closing of Craigmont mine, Merritt, British Columbia.
- Construction of heap leach plant to treat gold and silver-bearing gossan, Caribou mine, New Brunswick. Production ceased in 1983. This was the first heap leaching operation for gold in Canada.
- Closing of Bell Copper mine, Granisle, British Columbia.
- Production begins, Polaris mine, Little Cornwallis Island, Northwest Territories.
- Opening of Gregg River coal mine near Hinton, Alberta.
- Closing of Boss Mountain mine, British Columbia.
- Closing of Endako mine, British Columbia (re-opened 1986).
- Closing of Highland Valley Copper mine, British Columbia.
- Closing of Kitsault molybdenum mine, British Columbia.
- Suspension of mining, Ming gold-copper mine, Baie Verte, Newfoundland.
- Production begins, Lupin mine, Contwoyto Lake, Northwest Territories.
- Closing of Canadian Gypsum operations, Hillsborough, New Brunswick.
- Milling begins, San Antonio mine, Manitoba.
- Production begins, Spruce Point and Lotus mines, Manitoba.
- Mining begins, Line Creek coal mine, East Kootenays, British Columbia.
- Closing of White Lake mine, Manitoba.
- Closing of Osborne Lake mine, Manitoba.
- Opening of Bachelor Lake gold mine, Desmaraisville, Quebec.

- Closing of Lotus mine, Manitoba.
- Stripping begins, Cominco's Valley mine, Highland Valley, British Columbia.
- Discovery of indicator minerals for kimberlite, Franklin Mountains, Mackenzie River area, Northwest Territories.

1983

- Production begins, Langis mine, Casey and Harris townships, Ontario.
- Opening of Point Aconi power station, Nova Scotia.
- Production begins, Stanleigh uranium mine, Elliot Lake, Ontario.
- Production begins at Potash Company of America's (PCA) mine, later purchased by Potash Corporation of Saskatchewan (1993), Sussex, New Brunswick.
- Production begins, Detour Lake gold mine, northeast of Timmins, Ontario.
- Closing of Baker mine, British Columbia.
- Production begins at Novex Mining and Exploration Company's barite mine at Pine Brook, Cape Breton, Nova Scotia.
- Mining begins, McConkey and Frame pits, Quintette Coal, Peach River coal fields, British Columbia.
- Production begins, Bullmoose coal mine, Chetwynd, British Columbia.
- Completion of Ridley Island coal terminal, Prince Rupert, British Columbia.
- Completion of railway line from Anzac to Tumbler Ridge, British Columbia.
- Opening of Abcourt-Barvue mine, Evian, Quebec.
- Opening of Quintette Coal mine near Tumbler Ridge, British Columbia.
- Production begins, Key Lake uranium mine, northern Saskatchewan.
- Production begins, Greenhills coal mine, Sparwood area, British Columbia.
- Closing of Westfrob mine, British Columbia.
- Opening of Lac Shortt gold mine, Desmaraisville, Quebec.
- Opening of the Goldstream copper-zinc mine, Revelstoke, British Columbia.
- Closing of Heath Steele mine, Bathurst area, New Brunswick.
- Suspension of operations at Centennial and San Antonio mines, Manitoba.
- Mining begins, Eagle Mountain pit, Fording Coal, Sparwood, British Columbia.
- Production ends, Brunswick Number 6 mine, Bathurst area, New Brunswick.

1984

- Production begins, Mount Pleasant tungsten mine, Fredericton area, New Brunswick.
- Production begins, Telbel mine, Joutel, Quebec.
- Closing of Osborne Lake mine, Manitoba.
- Production begins, Rod mine, Snow Lake area, Manitoba.
- Discovery of Namew Lake orebody, Manitoba.
- Production ends, Pipe No. 2 open pit, Thompson, Manitoba.
- Closing of the Goldstream mine, Revelstoke, British Columbia.
- Launching of LANDSAT satellite for remote sensing.
- Development of Lingan-Phalen Colliery, Cape Breton, Nova Scotia.
- Opening of Hoyle Pond gold mine, Schumacher, Ontario.
- Closing of Drummond Colliery, Westville, Nova Scotia.
- Closing of Granduc mine, British Columbia.
- Closing of Number 26 Colliery, Glace Bay, Nova Scotia.

- Development of Donkin Colliery, Cape Breton, Nova Scotia.
- Closing of Brenda mine, British Columbia (re-opened in 1985).
- Rio Algom constructing plant for tin mine, near Yarmouth, Nova Scotia.
- Closing of Highmont mine, British Columbia.
- Closing of Fire Lake mine and town of Gagnon, Quebec.
- Waskada Gas Plant begins operations, Manitoba.
- Production begins, Sigma Number 2 open-pit mine, Val-d'Or, Quebec.
- Mining of spodumene begins, Bernic Lake tantalum mine, Manitoba.
- Redevelopment of Durham Resources antimony mine, Lake George, New Brunswick.

1985

- Discovery of oil in the Mississippian Bakken formation, Manitoba.
- Production begins, Rio Algom tin mine, East Kemptville, Yarmouth County, Nova Scotia.
- Production begins, Imperial Oil heavy oil plant, Cold Lake, Alberta.
- Development of the Craig mine orebody, Sudbury area, Ontario.
- Opening of Golden Giant gold mine, Hemlo, Ontario.
- Opening of David Bell gold mine, Hemlo, Ontario.
- Resumption of mining, Centennial mine, Manitoba.
- Closing of Fox mine, Manitoba.
- Opening of Potacan potash mine, Sussex, New Brunswick.
- Québec Cartier becomes operator of Sidbec-Normines pellet plant at Port-Cartier.
- Re-opening of Bell copper mine, Granisle, British Columbia.
- Closing of Scottie mine, British Columbia.
- Re-opening of Brenda mine, British Columbia.
- Production ceases, Goldlund mine, Sioux Lookout area, Ontario.
- Rehabilitation begins, Astoria gold mine, Rouyn-Noranda, Quebec.
- Closing of Cullaton Lake/Shear Lake gold mines, Northwest Territories.

1986

- Production suspended, Cantung tungsten mines, Yukon/Northwest Territories border area.
- Opening of Williams gold mine, Hemlo, Ontario.
- Closing of the Garson nickel-copper mine, Garson, Ontario, after a rockburst damaged much of the shaft. It opened in 1907. It was re-opened in 1994.
- Opening of Blackdome mine, British Columbia.
- Development of Beacon gold mine, Louvicourt Township, Quebec.
- Re-opening of Highland Valley Copper mine, British Columbia.
- Re-opening of Endako mine, British Columbia.
- Production begins, East Zone mine, Murdochville, Quebec.
- Opening of HB mine, Myra Falls, British Columbia.
- Closing of Cantung tungsten mine, Flat River area, Northwest Territories.
- Opening of Chimo gold mine, Quebec.
- Closing of Ladner Creek mine, British Columbia.
- Opening of Wrightbar gold mine, Val-d'Or area, Quebec.
- Development begins, Magnacon gold mine, Mishibishu Lake, Hemlo area, Ontario.
- Milling of spodumene begins, Bernic Lake mine, Manitoba.
- Panning of gold at Meliadine River, Rankin Inlet area, Northwest Territories.
- Production begins, Sage Creek coal mine, southeastern British Columbia.

- Cominco purchases Valley Copper and Bethlehem interests in the Highland Valley and partners with Lornex, British Columbia.

1987

- Mining begins, Star Lake gold mine, east of La Ronge, Saskatchewan.
- Opening of Nickel Plate mine, British Columbia.
- Production begins, Ptarmigan mine, Yellowknife, Northwest Territories.
- Production begins, Mobrun copper-zinc mine, Rouyn-Noranda area, Quebec.
- Mining begins, MacLellan mine, Manitoba.
- Resumption of mining, Joe Mann copper-gold mine, Chibougamau area, Quebec.
- Mining begins, Tartan mine, Manitoba.
- Staking of Sunrise zinc-silver-lead-gold-copper deposit, northeast of Yellowknife, Northwest Territories.
- Mining begins, Puffy Lake mine, Manitoba.
- Production begins, Orofino (Scadding) gold mine, Sudbury area, Ontario.
- Production begins, O.B. silver-gold mine, Greenwood, British Columbia.
- Discovery of Brewery Creek placer gold deposits, Dawson area, Yukon.
- Discovery of Meadowbank gold deposit, Baker Lake, Northwest Territories.

1988

- Canada-U.S. Free Trade Agreement.
- Resumption of production, Bernic Lake tantalum mine, Bernic Lake, Manitoba.
- Opening of Whistle open-pit nickel-copper mine, Sudbury area, Ontario.
- Opening of Johnny Mountain copper-gold mine, Terrace, British Columbia.
- Production begins, Golden Patricia gold mine, Pickle Lake area, Ontario.
- Opening of Jolu gold mine, north of La Ronge, Saskatchewan.
- Production begins, LaRonde mine, Val-d'Or area, Quebec.
- Closing of Ghost Lake mine, Manitoba.
- Mining suspended, Beaver-Temiskaming mine, Cobalt area, Ontario.
- Closing of Anderson Lake mine, Manitoba.
- Production begins, Magino gold mine, Wawa area, Ontario.
- Closing of Centennial mine, Manitoba.
- Production begins, Winston Lake zinc-copper mine, near Schreiber, Ontario.
- Opening of Namew Lake nickel-copper mine, south of Flin Flon, Manitoba.
- Staking of Ulu gold deposit, Coronation Gulf area, Northwest Territories.
- Closing of Wrightbar gold mine, Val-d'Or area, Quebec.
- Opening of Casa Berardi copper-gold mine, north of La Sarre, Quebec.
- Production begins, Holt-McDermott mine, Kirkland Lake, Ontario.
- Suspension of mining, Beacon gold mine, Louvicourt Township, Quebec.
- Opening of Francoeur gold mine, Rouyn-Noranda area, Quebec.
- Operations begin to rework tailings from former gold operations, Lake Shore mine, Kirkland Lake, Ontario (ended in 1991).
- Production begins, Ketza River gold mine, Yukon.
- Production begins, Krezmar gold mine, Wawa area, Ontario.
- Production begins, Casa Berardi East mine, north of La Sarre, Quebec.
- Production begins, Isle Dieu zinc-copper mine, Isle Dieu Township, Quebec.
- Rehabilitation begins, Cochenour-Willans gold mine, Dome Township, Ontario.

- Mining ends, Pine Point lead-zinc mine, Hay River area, Northwest Territories.

1989

- Operations suspended, United Keno Hill silver mines, Mayo district, Yukon.
- Milling begins, Ptarmigan gold mine, Yellowknife, Northwest Territories.
- Production begins, Murray Brook gold-silver-copper mine, Restigouche County, New Brunswick.
- Mining ends, Star Lake gold mine, east of La Ronge, Saskatchewan.
- Production begins, Lawyers gold-silver mine, Omineca district, British Columbia.
- Suspension of mining, Bachelor Lake gold mine, Desmaraisville, Quebec.
- Short-term production, Peel-Elder gold mine, Beauchastel Township, Rouyn-Noranda area, Quebec.
- Opening of Samatosum silver-base-metal open-pit mine, Adams Lake, British Columbia.
- Opening of Ansil copper-zinc-gold-silver mine, Duprat Township, Quebec.
- Production begins, Stock and Hislop mines, Matheson, Ontario.
- Discovery of Louvicourt copper-zinc-gold orebody, Val-d'Or area, Quebec.
- Production begins, Kierens gold mine, Malartic Township, Quebec.
- Opening of Lucien C. Beliveau gold mine, Val-d'Or area, Quebec.
- Opening of Stratmat Boundary and Heath Steele N-5 copper-lead-zinc-silver mines, Bathurst, New Brunswick.
- Opening of Chisel Lake mine, Snow Lake, Manitoba.
- Resumption of production, Birchtree mine, Thompson, Manitoba.
- Opening of Dona Lake gold mine, Pickle Lake, Ontario.
- Production begins, Stratmin graphite mine, Lac-des-Îles, Quebec.
- Closing of Erickson mine, British Columbia.
- Production begins, Craig mine, Sudbury area, Ontario.
- Suspension of operations, Tartan Lake gold mine, Flin Flon, Manitoba.
- Closing of MacLellan mine, Manitoba.
- Opening of Pierre Beauchemin gold mine, Rouyn-Noranda area, Quebec.
- Re-opening of Heath Steele mine, Newcastle, New Brunswick.
- Mining begins, Chimo gold mine, Vauquelin and Pershing townships, Quebec.
- Production begins, Dona Lake gold mine, Pickle Lake area, Ontario.
- Suspension of mining, Erickson gold mine, Cassiar area, British Columbia.
- Mining ends, Cooke (Opemiska) mine, Chibougamau, Quebec.
- Production begins, Stock Township gold mine, Timmins, Ontario.
- Production suspended, O.B. gold-silver mine, Greenwood, British Columbia.
- Mining begins, Premier Gold Project (Big Missouri and Silbak Premier), Stewart, British Columbia.
- Mining begins, Magnacon gold mine, Mishibishu Lake area, Ontario.
- Discovery gold deposit located, Meliadine River, Rankin Inlet area, Northwest Territories.

1990

- Closing of Sherman iron mine, Temagami area, Ontario.
- Milling begins, Lac-des-Îles graphite mine, Mont-Laurier area, Quebec.
- Opening of Golden Bear gold mine, Telegraph Creek, British Columbia.
- Closing of Abcourt-Barvue mine, Evian, Quebec.
- Production begins, Sillidor mine, Rouyn-Noranda area, Quebec.

- Milling ends, Orofino (Scadding) gold mine, Sudbury area, Ontario.
- Closing of Brenda mine, Peachland, British Columbia.
- Suspension of mining, Francoeur gold mine, Rouyn-Noranda area, Quebec.
- Suspension of mining, Ketza River gold mine, Yukon.
- Closing of Montauban mine, Quebec.
- CIM becomes the Canadian Institute of Mining, Metallurgy and Petroleum.
- Production begins, Callinan mine, Flin Flon area, Manitoba.
- Re-opening of Gays River zinc-lead mine, Gays River, Nova Scotia.
- Closing of Johnny Mountain gold-copper mine, Terrace, British Columbia.
- Development suspended, Magnacon gold mine, Hemlo area, Ontario.
- Closing of Blackdome mine, British Columbia.
- Production begins, Bousquet Number 2 gold mine, Malartic, Quebec.
- Closing of Johnny Mountain mine, British Columbia.
- Opening of Colomac gold mine, Indin Lake, Northwest Territories.
- Production begins Thompson South open-pit mine, Thompson, Manitoba.
- Production begins, Estrades copper-zinc mine, Casa Berardi area, Quebec.
- Milling begins, Cal graphite mine, Burk's Falls, Ontario.
- Production begins, Sillidor gold mine, Rouyn-Noranda, Quebec.
- Mining begins, Jasper gold mine, northern Saskatchewan.
- Suspension of mining, Krezmar gold mine, Wawa area, Ontario.
- Production begins, Casa Berardi West mine, northwestern Quebec.
- Mining ends, Newfoundland Zinc mine, Daniel's Harbour, Newfoundland (the mine produced for 15 years).

1991

- Opening of Caledonia Number 3 gypsum mine, Caledonia, Ontario. Number 1 opened in 1906 and Number 2 in 1952.
- Mining ends, Jasper gold mine, northern Saskatchewan.
- Closing of Colomac gold mine, Indin Lake, Northwest Territories.
- Opening of Samatosum underground silver-lead-zinc-copper mine, Adams Lake, British Columbia.
- Suspension of mining at Gays River zinc-lead mine, Nova Scotia.
- Closing of Lyon Lake copper-lead-zinc mine, Ignace, Ontario.
- Suspension of mining, Estrades zinc-copper-gold mine, Joutel, Quebec.
- Closing of Perry (Opemiska) copper-gold mine, Chapais, Quebec.
- Closing of Springer (Opemiska) copper-gold mine, Chapais, Quebec.
- Opening of Mouska gold mine, Rouyn-Noranda area, Quebec.
- Closing of the Shasta gold mine, Smithers, British Columbia.
- Closing of the Renabie gold mine, Wawa, Ontario.
- Closing of the Jasper gold mine, La Ronge, Saskatchewan.
- Discovery of Point Lake diamond pipes, Lac de Gras area, Northwest Territories.
- Opening of Snip gold-copper mine, Iskut River, British Columbia.
- Closing of Hislop East gold mine, Timmins, Ontario.
- Opening of Westray coal mine, Plymouth, Nova Scotia.
- Suspension of mining, Afton-Ajax copper-gold mines, Kamloops, British Columbia.
- Closing of the Rod copper-zinc mine, Snow Lake area, Manitoba.
- Closing of the Falconbridge mine, Falconbridge, Ontario.

- Suspension of mining, Creighton No. 3 mine, Lively, Ontario.
- Suspension of mining, Whistle mine, Sudbury area, Ontario.
- Production begins, Francoeur mine, Rouyn-Noranda area, Quebec.
- Suspension of mining, Hinckley silver-lead mine, Slocan area, British Columbia.
- Opening of Cheminis gold mine, Larder Lake, Ontario.
- Opening of Duvay-Obalski gold mine, Amos, Quebec.
- Re-opening of Simkar gold mine, Val-d'Or area, Quebec.
- Opening of Dome Mountain gold mine, Smithers, British Columbia.
- Opening of Seabee gold mine, La Ronge, Saskatchewan.
- Re-opening of New Privateer gold mine, Zeballos, British Columbia. First produced 1937-48.
- Production begins, Lower Coleman nickel-copper mine, Sudbury area, Ontario.
- Closing of Blackdome gold mine, Clinton, British Columbia.
- Closing of Beaverdell silver-lead-zinc mine, Beaverdell, British Columbia.
- Re-opening of the Goldstream copper-zinc mine, Revelstoke, British Columbia. Last produced 1983-84.
- Opening of Sa Dena Hes zinc-lead-silver mine, Watson Lake area, Yukon.
- Suspension of mining, Buffonta gold mine, Virginiatown, Ontario.
- Opening of Norlartic gold mine, Val-d'Or area, Quebec.
- Closing of Baie Verte asbestos mine, Baie Verte, Newfoundland.
- Opening of Captain North Extension (CNE) zinc-lead-silver mine, Newcastle, New Brunswick.
- Closing of the Alsask sodium sulphate mine, Alsask, Saskatchewan.
- Closing of the Cabri sodium sulphate mine, Cabri, Saskatchewan.
- Closing of the Metiskow sodium sulphate mine, Provost, Saskatchewan.
- Closing of Afton mine, British Columbia (re-opened 1994).
- Opening of SB gold mine, Stewart, British Columbia.
- Closing of SB gold mine, Stewart, British Columbia.
- Closing of Normetmar zinc-silver mine, La Sarre, Quebec.
- Re-opening of Francoeur gold mine, Rouyn-Noranda area, Quebec.
- Suspension of mining, Golden Bear gold mine, Telegraph Creek, British Columbia.
- Suspension of mining, Hope Brook gold mine, Chetwynd, Newfoundland.
- Closing of Jolu gold mine, north of La Ronge, Saskatchewan.
- Closing of Sleeping Giant gold mine, Amos, Quebec.
- Closing of the Collins Bay B-Zone open-pit uranium mine, Rabbit Lake, Saskatchewan.
- Closing of the Diotte graphite mine, Lac-des-Îles, Quebec.
- Suspension of mining, Estrades copper-zinc mine, Casa Berardi area, Quebec.
- Development of Eagle Point test mine, uranium, northern Saskatchewan.
- End of mining, Dominique-Janine open-pit uranium mine, Cluff Lake, Saskatchewan.
- Mining begins, Vangorda lead-zinc-silver open pit, Vangorda Creek, Yukon.
- Development of Joubi gold mine, near Val-d'Or, Quebec.
- Production begins, Potacan potash mine, Sussex, New Brunswick.
- Mining begins, Langmuir Number 1 nickel mine, Porcupine area, Ontario.
- Suspension of mining, Gays River lead-zinc mine, Gays River, Nova Scotia.
- Discovery of the Boston gold deposit, Northwest Territories.
- Discoveries of 7 kimberlite pipes, Diavik property, Lac de Gras area, Northwest Territories.

1992

- Demise of the cod fishery, east coast.

- Mining suspended, Langmuir Number 1 nickel mine, Porcupine area, Ontario.
- Mining suspended, Redstone nickel mine, Timmins area, Ontario.
- Closing of Samatosum mine, Adams Lake, British Columbia.
- Opening of Thayer Lindsley copper-nickel mine, Sudbury area, Ontario.
- Closing of Lingan Colliery, New Waterford, Nova Scotia.
- Closing of Malartic Hygrade gold mine, Val-d'Or area, Quebec.
- Mining completed at Malartic/Barrick gold mine, Val-d'Or, Quebec.
- Suspension of mining, Cheminis gold mine, Larder Lake, Ontario.
- Discovery of Damoti Lake gold deposit, Northwest Territories.
- Closing of Cheminis gold mine, Virginiatown, Ontario.
- Closing of Samatosum silver-copper-lead-zinc-gold mine, Adams Lake, British Columbia.
- Closing of Mobrun copper-zinc mine, Rouyn-Noranda area, Quebec.
- Suspension of mining, Magino gold mine, Wawa, Ontario.
- Closing of Lac Shortt gold mine, Desmaraisville, Quebec.
- Production begins, Norita mine, Matagami, Quebec.
- Closing of Kierens gold mine, Val-d'Or area, Quebec.
- Closing of Bell mine, British Columbia.
- Closing of Camflo gold mine, Val-d'Or area, Quebec.
- Opening of Norita East zinc-copper mine, Matagami, Quebec.
- CIM's Mineral Economics Committee becomes the Mineral Economics Society.
- Opening of Murray Brook copper mine, Bathurst, New Brunswick.
- Opening of Shand coal mine, Estevan, Saskatchewan.
- May 9 explosion at Westray Colliery kills 26 miners and destroys the mine, Pictou, Nova Scotia.
- Opening of Glen Morrison limestone quarry, Sydney, Nova Scotia.
- Re-opening of Hope Brook gold mine, Couteau Bay, Newfoundland.
- Suspension of mining, Vangorda mine, Faro, Yukon.
- Closing of Casa Berardi copper-gold mine due to ground control problems, La Sarre, Quebec.
- Closing of Bell copper mine, Granisle, British Columbia.
- Production begins, Novicourt zinc-copper mine, Val-d'Or, Quebec.
- Closing of Spruce Point copper-zinc mine, Reed Lake, Manitoba.
- Closing of East Kemptville tin mine, Yarmouth, Nova Scotia.
- Closing of Greenhills coal mine, Sparwood, British Columbia.
- Closing of Elkview (Balmer) coal mine, Sparwood, British Columbia.
- Suspension of mining, Shebandowan mine, Thunder Bay area, Ontario.
- Closing of Lawyers gold-silver mine, Smithers, British Columbia.
- Suspension of mining, Redstone cobalt-nickel mine, Timmins area, Ontario.
- Closing of Cassiar asbestos mine, Cassiar, British Columbia.
- Closing of Copper Rand and Portage mines, Chibougamau, Quebec.
- Closing of Denison uranium mine, Elliot Lake, Ontario.
- Closing of Evans coal mine, Inveress, Nova Scotia.
- Production begins, Lower Coleman nickel-copper mine, Sudbury area, Ontario.
- Beginning of staking rush for diamonds, Lac de Gras area, Northwest Territories.
- Production begins, Sormany limestone deposit, New Brunswick.

1993

- Discovery of oil in the Jurassic Melita formation, St. Lazare, Manitoba.

- Re-opening of Copper Rand and Portage mines, Chibougamau, Quebec.
- Closing of Lucien C. Beliveau gold mine, Val-d'Or area, Quebec.
- Re-opening of Cheminis gold mine, Virginiatown, Ontario.
- Closing of Pierre Beauchemin gold mine, Rouyn-Noranda area, Quebec.
- Re-opening of Greenhills coal mine, Sparwood, British Columbia.
- Closing of Ansil mine, Rouyn-Noranda area, Quebec.
- Re-opening of Elkview (Balmer) coal mine, Sparwood, British Columbia.
- Re-opening of Sleeping Giant gold mine, Amos, Quebec.
- Opening of Astoria gold mine, Rouyn-Noranda area, Quebec.
- Re-working of tailings, Mascot gold mine, Hedley, British Columbia.
- Suspension of mining, Gibraltar mine, McLeese Lake, British Columbia.
- Re-opening of Hislop East gold mine, Timmins, Ontario.
- Closing of Stratmat mine, Bathurst, New Brunswick.
- Re-opening of Kerr mine, Virginiatown, Ontario.
- Closing of Namew Lake nickel-copper mine, Flin Flon area, Manitoba.
- Re-opening of Casa Berardi copper-gold mine, La Sarre, Quebec.
- Opening of BT (Keystone) gold mine, Lynn Lake, Manitoba.
- Re-opening of Buffonta gold mine, Virginiatown, Ontario.
- Suspension of mining, Heath Steele mine, Newcastle, New Brunswick.
- Production begins, Brewery Creek mine, Dawson City, Yukon.
- Suspension of mining due to a rockburst, Macassa mine, Kirkland Lake, Ontario.
- Re-opening of Johnny Mountain gold-copper mine, Terrace, British Columbia.
- Suspension of mining, Levack mine, Levack, Ontario.
- Suspension of mining, Similco copper mine, Princeton, British Columbia.
- Opening of Lac-des-Îles palladium-gold-platinum mine, Thunder Bay area, Ontario. This was North America's second primary palladium mine.
- Closing of Norlartic gold mine, Val-d'Or area, Quebec.
- Re-opening of Granada gold mine, Rouyn-Noranda area, Quebec. Previously operated 1930-35.
- Suspension of mining, H-W and Lynx mines, Buttle Lake, British Columbia.
- Production begins at Shell Canada's Caroline project near Calgary, Alberta. This was the largest gas field discovered in 20 years.

1994

- Discovery of Jericho diamond pipes, Contwoyto Lake, Northwest Territories.
- Resumption of mining, H-W and Lynx mines, Buttle Lake, British Columbia.
- Re-opening of Similco copper mine, Princeton, British Columbia.
- Suspension of mining, Golden Bear gold mine, Muddy Lake, British Columbia.
- Resumption of mining, Gibraltar mine, McLeese Lake, British Columbia.
- Re-opening of Heath Steele mine, Newcastle, New Brunswick.
- Closing of Equity Silver mine, Houston, British Columbia.
- Re-opening of Macassa mine, Kirkland Lake, Ontario.
- Re-opening of Afton mine, British Columbia.
- Opening of Louvicourt copper-zinc-gold mine near Val-d'Or, Quebec.
- Opening of Eagle Point uranium mine, Rabbit Lake, Saskatchewan.
- Closing of Dona Lake gold mine, Pickle Lake, Ontario.
- Suspension of mining, Flat Bay gypsum mine, St. George's, Newfoundland.
- Mining begins, 1-D mine, Thompson, Manitoba.

- Closing of Federber gold mine, Val-d'Or area, Quebec.
- Re-opening of Donalda gold mine, Rouyn-Noranda area, Quebec.
- Re-opening of Garson mine, Garson, Ontario. It operated previously from 1907 to 1986, and had been closed due to a rockburst that destroyed much of the shaft.
- Closing of Dumont gold mine, Val-d'Or area, Quebec.
- Re-opening of Colomac gold mine, Indin Lake, Northwest Territories.
- Resumption of mining, Afton-Ajax copper-gold mines, Kamloops, British Columbia.
- Closing of Stall Lake mine, Snow Lake, Manitoba.
- Closing of Chisel Lake mine, Snow Lake, Manitoba.
- Suspension of mining, Lockerby nickel-copper mine, Sudbury area, Ontario.
- Re-opening of Whistle open-pit nickel-copper mine, Sudbury area, Ontario. It operated previously from 1988 to 1991.
- Discovery of major copper-nickel deposits, Voisey's Bay, Labrador.
- Closing of Island Copper mine, Port Hardy, British Columbia.
- Closing of Geco mine, Manitouwadge, Ontario.

1995

- Re-opening of Flat Bay gypsum mine, St. George's, Newfoundland.
- Opening of Eagle River gold mine, Wawa, Ontario.
- Opening of Contact Lake gold mine, La Ronge, Saskatchewan.
- Opening of Eskay Creek gold-silver mine, Stewart, British Columbia.
- Opening of QR gold mine, Quesnel, British Columbia.
- Opening of Bouchard-Hébert mine, Rouyn-Noranda, Quebec.
- Opening of Cobaltec operations, Cobalt, Ontario. This is the world's first exclusive primary producer of cobalt.
- Opening of Photo Lake copper-zinc mine, Snow Lake, Manitoba.
- Opening of Grum zinc-lead-silver mine, Faro, Yukon.
- Opening of Street Township garnet mine, Sudbury district, Ontario.
- Opening of Sheerness coal mine, Hanna, Alberta.
- Re-opening of Table Mountain gold mine, Cassiar, British Columbia.
- Re-opening of Wrightbar gold mine, Val-d'Or area, Quebec.
- Closing of Drumbo gypsum mine, Clarkson, Ontario.
- Re-opening of New Britannia gold mine (formerly Nor-Acme mine), Snow Lake, Manitoba.
- Re-opening of Ming gold-copper mine, Baie Verte, Newfoundland.
- Re-opening of Vangorda mine, Faro, Yukon.
- Re-opening of Lockerby mine, Sudbury area, Ontario.
- Re-opening of Shebandowan mine, Thunder Bay area, Ontario.
- Re-opening of Redstone cobalt-nickel mine, Timmins area, Ontario.
- Closing of Golden Bear mine, British Columbia.
- Opening of the Dome mine "Super Pit," South Porcupine, Ontario.
- Opening of the Craig mine, Onaping area, Ontario.
- Opening of the Nighthawk gold mine, Timmins, Ontario.
- Discovery of AK kimberlite pipe, Lac de Gras area, Northwest Territories.

1996

- Re-opening of the Evening Star gold mine, Rosslard area, British Columbia.

- Production begins, Elsa mine, central Yukon.
- Radarsat satellite becomes operational, Canadian Space Agency.
- Closing of Nickel Plate mine, Hedley, British Columbia.
- Inco completes acquisition of Voisey's Bay deposits, Labrador.
- Suspension of mining, Ming Copper mine (formerly Rambler), Baie Verte, Newfoundland.
- Opening of Stog'er Tight/Ming gold mine, Baie Verte area, Newfoundland (the Ming mine, a copper producer, closed in 1996).
- Opening of Fischells Brook gypsum mine, Flat Bay, Newfoundland.
- Closing of Chimo gold mine, Val-d'Or area, Quebec (mining began in 1986).
- Processing begins, Rambler mine gold tailings, Baie Verte area, Newfoundland.
- Suspension of mining, Redstone nickel mine, Timmins area, Ontario.
- Re-opening of Lake George antimony mine, New Brunswick (mining was from 1972 to 1989).
- Re-opening of Lower Cove limestone-dolomite mine, Stephenville, Newfoundland.
- Opening of Stellarton coal mine, Nova Scotia.
- Opening of Brewery Creek gold mine, Dawson Creek, Yukon.
- Opening of Beaufor gold mine, Val-d'Or area, Quebec.
- Closing of Stanleigh uranium mine, Elliot Lake, Ontario (the last of the Elliot Lake uranium mines to close; production was from 1958 to 1960 and from 1983 to 1996).
- Closing of Premier mine, British Columbia.
- Opening of McCreedy East nickel-copper mine, Sudbury area, Ontario.
- Re-opening British Canadian asbestos mine, Thetford Mines, Quebec.
- Closing of the Goldstream mine, Revelstoke, British Columbia (production began in 1991).
- Production begins Gonzague Langlois (formerly Grevet) zinc-copper-silver mine, Lebel-sur-Quévillon, Quebec (production was suspended late that year).
- Opening of Farley gold mine, Lynn Lake area, Manitoba.
- Opening of the Keystone gold mine, Manitoba.
- Opening of the Komis gold mine, La Ronge area, Saskatchewan.
- Opening of the Holloway gold mine, Matheson, Ontario.
- Re-opening of the Nighthawk gold mine, Timmins area, Ontario.
- Re-opening of the Evening Star gold mine, British Columbia.
- Opening of the Pick Lake zinc-copper mine, Pays Plat Lake, Ontario.
- Suspension of mining, Red Lake mine, Balmerton, Ontario.
- Suspension of mining, Evening Star gold mine, Rossland area, British Columbia.
- Re-opening of the Mount Nansen gold mine, Carmacks area, Yukon.
- Closing of Similco copper-gold-silver mine, Princeton, British Columbia.
- Suspension of mining, Premier Gold, Stewart, British Columbia.
- Closing of the Kerr (Kerr-Addison) gold mine, Virginiatown, Ontario. It produced from 1938.
- Closing of Faro lead-zinc mine, Mayo, Yukon.
- Suspension of mining, Armstrong pyrophyllite mine, Manuels, Newfoundland.
- Mining of test sample, Jericho diamond pipe, Contwoyto Lake, Northwest Territories.
- Opening of Mt. Meager pumice mine, Pemberton area, British Columbia (this was Canada's first pumice mine).
- Closing of BT (Keystone Joint Venture) gold mine, Lynn Lake area, Manitoba.
- End of processing, Hedley and Mascot mines tailings, Hedley, Britsh Columbia.

1997

- Production begins, Nugget Pond gold mine, Baie Verte area, Newfoundland.
- Closing of Potacan potash mine, Sussex, New Brunswick (production was during 1985-97).
- Production begins, Huckleberry copper-molybdenum mine, Kemano, British Columbia.
- Closing of British Canadian asbestos mine, Black Lake, Quebec (production was during 1885-95 and 1996-97).
- Suspension of mining, Casa Berardi East and West gold mines, Casa Berardi, Quebec.
- Production begins, Mount Polley gold-copper mine, Williams Lake, British Columbia.
- Closing of Isle Dieu zinc-copper-lead mine, Matagami Lake, Quebec (production was during 1989-97).
- Production begins, St. Onge wollastonite mine, Lac St-Jean area, Quebec.
- Closing of Norita East zinc-copper-lead mine, Matagami Lake, Quebec (production was during 1992-97).
- Suspension of mining, Copper Rand gold-copper mine, Chibougamau, Quebec.
- Production begins, Glimmer gold mine, Matheson area, Ontario.
- Production begins, Edwards gold mine, Wawa area, Ontario.
- Closing of Portage gold-copper mine, Chibougamau, Quebec (production was from 1960 to 1997).
- Opening of Musselwhite gold mine, Thunder Bay area, Ontario.
- Production begins, Beaver Brook antimony mine, Glenwood, Newfoundland.
- Closing of Silidor gold mine, Rouyn-Noranda area, Quebec (production began in 1960).
- Re-opening of Madsen gold mine, Red Lake area, Ontario.
- Closing of Golden Patricia mine, Pickle Lake, Ontario (mining began in 1988).
- Re-opening of Bissett (formerly San Antonio) gold mine, Manitoba (mining was suspended later that year).
- Closing of Westarm zinc-copper mine, Flin Flon area, Manitoba (production began in 1995).
- Re-opening of Golden Bear gold mine, Telegraph Creek, British Columbia.
- Closing of Afton-Ajax mine, Kamloops, British Columbia (the Ajax mine operated from 1994 to 1997; the Afton mine closed in 1988).
- Re-opening of Hannador placer gold mine, Quesnel, British Columbia.
- Re-opening of Gallen zinc-silver-gold mine, Rouyn-Noranda area, Quebec.
- Suspension of mining, Komis gold mine, La Ronge, Saskatchewan.
- Suspension of mining, Ptarmigan and Tom gold mines, Yellowknife area, Northwest Territories.
- Re-opening of Langlois (formerly Grevet) zinc-copper-silver mine, Lebel-sur-Quévillon, Quebec.
- Re-opening of Caribou zinc-lead-silver-gold mine, Bathurst area, New Brunswick.
- Opening of Restigouche base-metal mine, Bathurst area, New Brunswick.
- Closing of Hope Brook Gold mine, Couteau Bay, Newfoundland (the mine had produced from 1987-91 and 1992-97).
- Opening of Raglan nickel-copper mine, Deception Bay area, Ungava, Quebec.
- Production resumes at Gonzague Langlois gold mine, Quebec.
- Re-opening of Grum and Vangorda lead-zinc mines, Faro, Yukon.
- Suspension of production at Casa Berardi gold mine, La Sarre, Quebec.
- Announcement of Syncrude's new billion-dollar Aurora mine project, northwest of Fort McMurray, Alberta.
- Announcement of Shell Canada's Lease $13 billion mine project, northwest of Fort McMurray, Alberta.
- Hibernia platform towed to its location from Sunnyside, Newfoundland.

- Production begins from Hibernia field, Jeanne d'Arc Basin, Grand Banks, Newfoundland.
- Production begins, Troilus gold mine, northeastern Quebec.
- Closing of Colomac mine, Indin Lake, Northwest Territories (production started in 1990).
- Full production begins, Brewery Creek placer gold deposits, Dawson area, Yukon.
- Re-opening of Seleine salt mine, Îles-de-la-Madeleine, Quebec.

1998

- Production begins, Kemess gold-copper mine, north-central British Columbia.
- Production begins, Konuto Lake (Denare Beach) copper-zinc mine, Creighton, Saskatchewan.
- Re-opening of Madsen gold mine, Red Lake, Ontario (first mined from 1938 to 1976).
- Suspension of production, Lupin gold mine, Contwoyto Lake, Northwest Territories.
- Re-opening of Bissett gold mine, Manitoba (fornerly San Antonio, it was mined briefly in 1997).
- Mining begins, Collier Point barite mine, Trinity Bay, Newfoundland.
- Construction begins, Magnola magnesium refinery, Asbestos, Quebec.
- Re-opening of Blackdome gold mine, Clinton, British Columbia (first mined during 1986-90).
- Re-opening of Costello coal mine, Estevan, Saskatchewan.
- Suspension of mining, Con gold mine, Yellowknife, Northwest Territories.
- Production and reprocessing begins, Cassiar asbestos mine tailings, Cassiar, British Columbia.
- Production begins, Panda pit, Ekati diamond mine, Lac de Gras, Northwest Territories. This was Canada's first diamond mine.
- Construction begins, Shell Canada Lease 13 project, northwest of Fort McMurray, Alberta.
- Beginning of Terra Nova project, Jeanne d'Arc Basin, Grand Banks, Newfoundland.
- Suspension of mining, Beaver Brook antimony mine, Glenwood, Newfoundland (mining began in 1997).
- Suspension of mining, Caribou and Restigouche zinc-lead-silver-gold mines, Bathurst area, New Brunswick.
- Suspension of mining, Grum and Vangorda pits, Faro, Yukon.
- Suspension of mining, Myra Falls zinc-copper mine, Campbell River area, British Columbia.
- Suspension of mining, St. Onge wollastonite mine, Lac-Saint-Jean area, Quebec (this was Canada's first wollastonite mine. Mining began in 1997).
- Closing of Contact Lake gold mine, La Ronge, Saskatchewan (production was from 1995).
- Closing of QR gold mine, Quesnel area, British Columbia (production began in 1995).
- Closing of the Klondike placer mine, Dawson City, Yukon (production began in 1980).
- Closing of the Shebandowan copper-nickel mine, Thunder Bay area, Ontario (production was from 1972 to 1992 and from 1995).
- Closing of the Whistle nickel-copper mine, Copper Cliff, Ontario (production was from 1988 to 1991 and from 1994).
- Closing of the Winston Lake zinc-copper mine, Schreiber area, Ontario (mining began in 1988).
- Closing of the Photo Lake copper-zinc-gold-silver mine, Snow Lake area, Manitoba (mining began in 1995).
- Closing of the George MacLeod iron mine, Wawa, Ontario.

1999

- Birth of Nunavut, the home of Canada's Inuit people.
- Production begins, East Amphi Gold mine, Malartic, Quebec (the mine closed in August).
- Production begins, Bell Allard zinc-copper mine, Matagami, Quebec.
- Closing of Horseshoe Lake sodium sulphate brine operation, Ormiston, Saskatchewan.

- Suspension of production, Mount Nansen gold mine, Carmack, Yukon.
- Suspension of production, Gibraltar copper-molybdenum mine, McLeese Lake, British Columbia.
- Closing of Key Lake uranium mine, Key Lake, Saskatchewan (mining was from 1981 to 1997).
- Suspension of operations, INCO, Thompson, Manitoba (subsequently resumed).
- Mining begins, Currie Rose gold mine, La Ronge, Saskatchewan.
- Major expansion, to develop ore reserves between the 7400 and 8180 levels, at the Creighton nickel-copper mine, Lively, Ontario
- Major expansion, McCreedy East nickel-copper mine, Sudbury area, Ontario.
- Suspension of production, Blackdome gold mine, Clinton, British Columbia (the mine previously operated between 1986 and 1990 and from 1998).
- Closing of the Snip gold mine at Stewart, British Columbia (mining began in 1991).
- Production begins, McClean Lake uranium mine, McMahon Lake, Saskatchewan.
- Major expansion begins at the Lac-des-Îles palladium (and other metals) mine, Thunder Bay, Ontario.
- Re-opening of the Con gold mine, Yellowknife, Northwest Territories (after a year-long strike that began in May 1998).
- Completion of 1820-m Reid shaft, Campbell mine, Balmertown, Ontario.
- Suspension of production, Macassa gold mine, Kirkland Lake, Ontario.
- Suspension of production, Madsen gold mine, Red Lake, Ontario.
- Closing of the Detour Lake gold mine, Matheson, Ontario (mining began in 1983).
- Production begins, Shabogamo quartz mine, Smoky Mountain, Newfoundland.
- Mining begins, Kapuskasing open-pit phosphate mine, Kapuskasing, Ontario.
- Mining begins, Hislop West gold mine, Matheson Ontario (the Hislop mine previously operated between 1991 and 1994).
- Closing of the Levack nickel-copper mine, Levack, Ontario (mining began in 1913).
- Closing of the McCreedy West nickel-copper mine, Sudbury area, Ontario (mining began in 1974).
- Closing of the Little Stobie nickel-copper mine, Sudbury area, Ontario (mining began in 1971).
- Closing of Devco's Phalen Colliery, New Waterford, Cape Breton Island, Nova Scotia.
- Suspension of production, Francoeur gold mine, Rouyn-Noranda area, Quebec.
- Suspension of production, Joe Mann gold-copper mine, Chibougamau, Quebec.
- Closing of the Nighthawk gold mine, Timmins area, Ontario.
- Closing of the Pamour gold mine, Timmins, Ontario.
- Closing of the Heath Steele base-metal mine, Newcastle area, New Brunswick (mining began in 1957).
- Closing of the Joubi gold mine, Val-d'Or area, Quebec (production began in 1989).
- Production ceases, Lakeshore mine tailings, Kirkland Lake, Ontario.
- Mining ceases, Mines Gaspé copper mines, Murdochville, Quebec (mining began in 1955).
- Production begins, McArthur River uranium mine, McArthur River, Saskatchewan.

References

ANONYMOUS, 1972. Ontario Department of Mines and Northern Affairs Review, 1971, Toronto, Ontario.

ANONYMOUS, 1973. *Here is Canada's Minerals HISTORY*, from 1604. CIM Directory, 75th Anniversary Issue, pp. 39-65.

ANONYMOUS, 1973-1975. Ontario Mineral Review, 1972-1974. Department of Natural Resources, Toronto, Ontario.

ANONYMOUS, 1992. *Canadian Mines Handbook*. Southam Business Communications, Don Mills, Ontario.

ANONYMOUS, 1997. *A Guide to Mineral Deposits of the Northwest Territories*. Edited by Adrienne Jones. Minerals, Oil and Gas Division, Resources, Wildlife and Economic Development, Government of the Northwest Territories, Yellowknife, 126 pp.

BAMBURAK, J.D., 1990. *Metallic Mines and Mineral Deposits of Manitoba*. Open File Report OF90-2, Manitoba Energy and Mines, Winnipeg, Manitoba, pp. 76-105.

BARTLEY, C.M., 1961. *Fluorspar*. Mines Branch Information Circular IC 127, Department of Mines and Technical Surveys, Ottawa, Ontario, 55 pp.

COLLINGS, R.K., 1959. *The Canadian Gypsum Industry*. Mines Branch Information Circular IC 114, Department of Mines and Technical Surveys, Ottawa, Ontario, 41 pp.

DONOHOE, H.V., 1984. *Mining in Nova Scotia — Past and Present*, CIM Directory, Canadian Institute of Mining and Metallurgy, pp. 67-89.

GEREN, R. and McCULLOGH, B., undated. *Cain's Legacy — The Building of the Iron Ore Company of Canada*. Iron Ore Company of Canada, Sept-Îles, Quebec, 351 pp.

JEN, L.S., 1991–1998. *Canadian Mine Openings, Re-Openings, Expansions, Suspensions and Closures* (and variations on the title). Canadian Minerals Yearbooks, Natural Resources Canada, Ottawa, Ontario.

JONES, L.F. and LONN, G., 1973. *Historical Highlights of Canadian Mining*. Pitt Publishing Company, Toronto, Ontario. pp. 261-272.

LUFF, W.M., 1995. *A History of Mining in the Bathurst Area*, Northern New Brunswick, Canada. CIM Bulletin, 994, pp. 63-68.

MUSÉE RÉGIONAL DE LA CÔTE-NORD. Exhibits viewed on August 14, 1998, Sept-Îles, Québec.

PATCHING, T. (Editor), 1985. *Coal in Canada*. Special Volume 31, Canadian Institute of Mining and Metallurgy, 327 pp.

POTTER, R.R., 1985. *New Brunswick's Mineral Industry — Past, Present, and Future*. CIM Directory, pp. 81-108.

ROSS, J.S., 1960. *The Barium Minerals Industry in Canada*. Mines Branch Information Circular IC 126, Department of Mines and Technical Surveys, Ottawa, Ontario, 60 pp.

SMITH, P., 1986. *Harvest from the Rock — A History of Mining in Ontario*. Macmillan of Canada, Toronto, Ontario, 346 pp.